

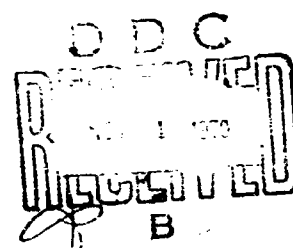
AD 713493



U.S. NATIONAL OCEANOGRAPHIC DATA CENTER

A-11

**CICAR**



**BIBLIOGRAPHY ON METEOROLOGY,  
CLIMATOLOGY, AND PHYSICAL/CHEMICAL OCEANOGRAPHY**

Reproduced by  
NATIONAL TECHNICAL  
INFORMATION SERVICE  
Springfield, Va. 22151

**VOLUME I  
INDEXES**

PREPARED UNDER CONTRACT BY THE AMERICAN METEOROLOGICAL SOCIETY

244

MFTEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KEY]

INSTRUCTIONS FOR USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vi

**Best  
Available  
Copy**

METEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Absolute Humidity-----	PROPERTIES	Cells-----	PROPERTIES
Absorption-----	PROCESSES	Charts-----	FORM
Advection-----	PROCESSES	Chloride-----	CONSTITUENTS
Advisories-----	FORM	Chloride Potentiometers---	AGENTS
Aerosols-----	CONSTITUENTS	Circulation-----	PROCESSES
African Dust-----	CONSTITUENTS	Cirrus-----	PROCESSES
Air Masses-----	PARTS	Classification-----	OPERATIONS
Aircraft-----	AGENTS	Clear Air-----	PROPERTIES
Aircraft Icing-----	PROCESSES	Climates-----	AGENTS
Aireps-----	FORM	Climatology-----	OPERATIONS
Airglow-----	PROCESSES	Cloud Heights-----	PROPERTIES
Air/Sea Interaction-----	PROCESSES	Cloud Physics-----	OPERATIONS
Albedo-----	AGENTS	Cloud Shear-----	PROPERTIES
Almanacs-----	FORM	Cloud Streets-----	PROCESSES
Altimeter Calibration---	OPERATIONS	Cloud Systems-----	PROPERTIES
Analogs-----	AGENTS	Cloudiness-----	PROPERTIES
Analysis-----	OPERATIONS	Clouds-----	PROCESSES
Anemometers-----	AGENTS	Coding-----	OPERATIONS
Angels-----	GENERAL	Cold Low-----	PROPERTIES
Angular Momentum-----	PROPERTIES	Cold Waves-----	PROPERTIES
Annual Averages-----	AGENTS	Communications-----	GENERAL
Annual Reports-----	FORM	Composite Analysis-----	OPERATIONS
Anomalies-----	PROPERTIES	Composite Charts-----	FORM
Anomalous Propagation---	PROCESSES	Composition-----	PROPERTIES
Anvils-----	PROPERTIES	Computation-----	OPERATIONS
Arctic-----	PROPERTIES	Condensation-----	PROCESSES
Atlases-----	FORM	Condensation/Coalescence---	PROCESSES
Atmometers-----	AGENTS	Condensation Nuclei-----	CONSTITUENTS
Atmosphere-----	THING/ACTIVITY	Conditional Instability---	PROPERTIES
Attenuation-----	PROCESSES	Conferences-----	GENERAL
Aurora-----	GENERAL	Confluence-----	PROCESSES
Averages-----	AGENTS	Contour Analysis-----	OPERATIONS
Aviation-----	GENERAL	Contour Charts-----	FORM
		Contouring-----	OPERATIONS
Balance-----	PROPERTIES	Convection-----	PROCESSES
Balloons-----	AGENTS	Convection Cells-----	PROPERTIES
Baroclinic Instability---	PROPERTIES	Convective Bands-----	PROPERTIES
Baroclinic Models-----	AGENTS	Convective Instability---	PROPERTIES
Baroclinicity-----	PROPERTIES	Convergence-----	PROCESSES
Barographs-----	AGENTS	Cooling-----	PROCESSES
Barotropic Instability---	PROPERTIES	Correlations-----	AGENTS
Barotropic Models-----	AGENTS	Cosmic Dust-----	CONSTITUENTS
Barotropy-----	PROPERTIES	Cosmic Rays-----	GENERAL
Bénard Cells-----	PROPERTIES	Counter Telescopes-----	AGENTS
Bibliographies-----	FORM	Crops-----	GENERAL
Bimetallic Actionographs---	AGENTS	Cross-Sections-----	AGENTS
Biographies-----	FORM	Cumulonimbus-----	PROCESSES
Blizzards-----	PROCESSES	Cumulus-----	PROCESSES
Blocking High-----	PROPERTIES	Cyclogenesis-----	PROCESSES
Bright Band-----	GENERAL	Cyclones-----	THING/ACTIVITY
Broadcasts-----	GENERAL	Cyclonic Circulation-----	PROCESSES
Budgets-----	AGENTS		
Building Design-----	GENERAL	Damage-----	GENERAL
Bulletins-----	FORM	Damping-----	PROCESSES
Buoys-----	AGENTS	Data Processing-----	OPERATIONS
		Data Storage-----	OPERATIONS
C Band Radar-----	AGENTS	Decay Rates-----	AGENTS
Casualties-----	GENERAL	Deepening-----	PROCESSES
Ceilings-----	PROPERTIES	Degree Days-----	AGENTS



METEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Density-----	PROPERTIES	Equatorial Belt-----	PROPERTIES
Description-----	OPERATIONS	Equatorial Easterlies-----	PROCESSES
Descriptive Analysis-----	OPERATIONS	Equatorial Fronts-----	THING/ACTIVITY
Design Data-----	GENERAL	Equinoctial-----	GENERAL
Dew-----	PROCESSES	Equipment-----	AGENTS
Dew Blocks-----	AGENTS	Equivalent Potential Temperature-----	PROPERTIES
Dew Point-----	PROPERTIES	Evacuation-----	GENERAL
Dew Recorders-----	AGENTS	Evaluation-----	OPERATIONS
Differential Analysis-----	OPERATIONS	Evaporation-----	PROCESSES
Diffusion-----	PROCESSES	Evapotranspiration-----	PROCESSES
Dimensions-----	AGENTS	Evapotranspirometers-----	AGENTS
Direction-----	AGENTS	Expeditions-----	OPERATIONS
Disasters-----	GENERAL	Extratropical Cyclones-----	THING/ACTIVITY
Dissipation-----	PROCESSES	Extremes-----	AGENTS
Distribution-----	PROPERTIES	Eye-----	PROPERTIES
Diurnal Variations-----	PROCESSES		
Divergence-----	PROCESSES	F Layer-----	PARTS
Double Eye-----	PROPERTIES	F Region-----	PARTS
Downdrafts-----	PROCESSES	F2 Layer-----	PARTS
Drag Coefficients-----	AGENTS	F2 Region-----	PARTS
Drift-----	PROCESSES	Faraday Rotation-----	GENERAL
Drift Velocity-----	PROPERTIES	Fauna-----	GENERAL
Droplet Size-----	PROPERTIES	Filling-----	PROCESSES
Droplets-----	CONSTITUENTS	Fireballs-----	GENERAL
Dropsondes-----	AGENTS	Fish Kill-----	GENERAL
Drought-----	PROPERTIES	Flooding-----	GENERAL
Dry-----	PROPERTIES	Flow-----	PROCESSES
Dry Adiabatic-----	PROPERTIES	Flux-----	PROCESSES
Dry Air Advection-----	PROCESSES	Fog-----	PROCESSES
Dry Ice-----	AGENTS	Formula-----	AGENTS
Durations-----	AGENTS	Force-----	PROPERTIES
Dust-----	CONSTITUENTS	Forecast Studies-----	OPERATIONS
Dynamic Analysis-----	OPERATIONS	Forecasting-----	OPERATIONS
Dynamic Theory-----	OPERATIONS	Fourier Analysis-----	OPERATIONS
		Freezing Level-----	PROPERTIES
E Layer-----	PARTS	Freezing Nuclei-----	CONSTITUENTS
E Region-----	PARTS	Frequencies-----	AGENTS
Easterlies-----	THING/ACTIVITY	Fresh Water Production-----	GENERAL
Easterly Waves-----	THING/ACTIVITY	Friction-----	PROCESSES
Eddies-----	PROCESSES	Friction Velocity-----	PROPERTIES
Eddy Viscosity-----	PROPERTIES	Frontal Waves-----	THING/ACTIVITY
Education-----	GENERAL	Fronts-----	THING/ACTIVITY
Electrical Charges-----	PROCESSES	Frost-----	PROCESSES
Electricity-----	PROPERTIES	Frost Point-----	AGENTS
Electrojet-----	PROCESSES	Fungus Spores-----	GENERAL
Electromagnetic-----	GENERAL	Funnel Clouds-----	PROCESSES
Electromagnetic Energy-----	PROCESSES		
Electron Content-----	PROPERTIES	Gales-----	PROCESSES
Electron Density-----	PROPERTIES	Gamma Emission-----	GENERAL
Electron Streaming-----	PROCESSES	Geomagnetic Declination-----	GENERAL
Electron Temperature-----	PROPERTIES	Geopotential Heights-----	PROPERTIES
Electrostatic Field-----	PROPERTIES	Geostrophic Analysis-----	OPERATIONS
EM Propagation-----	PROCESSES	Gradients-----	PROPERTIES
Emulsions-----	GENERAL	Graphs-----	FORM
Energy-----	PROCESSES	Gravity Waves-----	PROCESSES
Engineering-----	OPERATIONS	Gulf Stratus-----	PROCESSES
Entrainment-----	PROCESSES	Gusts-----	PROPERTIES
Environmental Influences-----	PROCESSES		
Equations-----	AGENTS		

METEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KFYJ]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Hail-----	PROCESSES	Land/Sea Circulation-----	PROCESSES
Hailstorms-----	THING/ACTIVITY	Lapse Rates-----	PROPERTIES
Halos-----	PROCESSES	Lasers-----	AGENTS
Handbooks-----	FORM	Lasersondes-----	AGENTS
Harmonic Analysis-----	OPERATIONS	Latent Heat-----	PROCESSES
Hazards-----	GENERAL	Layers-----	PARTS
Haze-----	CONSTITUENTS	Lectures-----	GENERAL
Heat-----	PROCESSES	Lightning-----	PROCESSES
Heat Energy-----	PROCESSES	Long Period-----	AGENTS
Heat Exchange-----	PROCESSES	Long Waves-----	PROPERTIES
Heat Flow-----	PROCESSES	Lows-----	PROPERTIES
Heated Island-----	GENERAL	Lunar Cycles-----	GENERAL
Heating-----	PROCESSES	Lunar Tides-----	GENERAL
Height Determination-----	OPERATIONS		
Heights-----	AGENTS	Manuals-----	FORM
High Pressure-----	PROPERTIES	Maps-----	FORM
Highs-----	PROPERTIES	Mass-----	PROPERTIES
Homogeneity-----	PROPERTIES	Means-----	AGENTS
Hot Towers-----	PROCESSES	Measurements-----	OPERATIONS
Human Life-----	GENERAL	Medium Scale-----	PROPERTIES
Humidity-----	PROPERTIES	Mesoscale Analysis-----	OPERATIONS
Hurricanes-----	THING/ACTIVITY	Mesosphere-----	PARTS
		Methods-----	OPERATIONS
Ice-----	DESCRIPTION	Microbarocvariographs-----	AGENTS
Ice Crystals-----	CONSTITUENTS	Microseisms-----	GENERAL
Incoherent Backscattering-----	PROCESSES	Mixing Ratio-----	AGENTS
Indexes-----	FORM	Models-----	AGENTS
Infrared-----	PROCESSES	Modification-----	OPERATIONS
Insect Activity-----	GENERAL	Moist Layers-----	PARTS
Instability-----	PROPERTIES	Moisture-----	CONSTITUENTS
Instability Waves-----	PROCESSES	Molds-----	GENERAL
Instruments-----	AGENTS	Momentum-----	PROPERTIES
Insurance-----	GENERAL	Motorboating-----	AGENTS
Intensity-----	PROPERTIES	Movement-----	PROCESSES
Intensity Indexes-----	AGENTS	Mud Rain-----	PROPERTIES
Interferometers-----	AGENTS		
Intertropical Convergence		Navigation-----	OPERATIONS
Zone-----	THING/ACTIVITY	Nephoscopes-----	AGENTS
Inversions-----	PROPERTIES	Nethanalysis-----	OPERATIONS
Ion Density-----	PROPERTIES	Networks-----	AGENTS
Ion Temperature-----	PROPERTIES	Nitrogen-----	CONSTITUENTS
Ionic Composition-----	PROPERTIES	Nocturnal Inversion-----	PROPERTIES
Ionosphere-----	PARTS	Nocturnal Thunderstorms-----	THING/ACTIVITY
Irrigation Maps-----	AGENTS	Normals-----	AGENTS
Isallobaric Gradients-----	PROPERTIES	Northers-----	THING/ACTIVITY
Isallobars-----	AGENTS	Nuclear Explosions-----	GENERAL
Isobaric Surfaces-----	AGENTS	Nuclei-----	CONSTITUENTS
Isolyets-----	AGENTS		
Isotachs-----	AGENTS	Obituaries-----	GENERAL
Isotherm Analysis-----	OPERATIONS	Observations-----	OPERATIONS
		Observing Stations-----	AGENTS
Jet Stream-----	THING/ACTIVITY	Offshore Drilling-----	GENERAL
		Onshore-----	PROCESSES
Katallobaric Centers-----	PROPERTIES	Orographic Effects-----	GENERAL
Kinematic Analysis-----	OPERATIONS	Oscillations-----	PROCESSES
Kinetic Energy-----	PROCESSES	Ozone-----	CONSTITUENTS
Kites-----	AGENTS	Ozonosphere-----	PARTS
Land Breezes-----	PROCESSES	Particle Collection-----	OPERATIONS

METEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Particle Fall-----	PROCESSES	Rawin-----	AGENTS
Particle Size-----	AGENTS	Rawinsondes-----	AGENTS
Patterns-----	PROPERTIES	Recombination-----	PROCESSES
Periodicities-----	AGENTS	Reefs-----	GENERAL
Persistence-----	AGENTS	Reflection-----	PROCESSES
Perturbations-----	PROCESSES	Refraction-----	PROCESSES
Photoelectron-----	CONSTITUENTS	Refractive Index-----	AGENTS
Photoelectron Streaming-----	PROCESSES	Refractivity-----	PROPERTIES
Photography-----	OPERATIONS	Refractometers-----	AGENTS
Photometers-----	AGENTS	Register-----	GENERAL
Pilot Balloons-----	AGENTS	Relative Humidity-----	PROPERTIES
Pilot Guides-----	FORM	Relief-----	GENERAL
Pilot Reports-----	FORM	Requirements-----	GENERAL
Plasma Density-----	PROPERTIES	Rescue-----	OPERATIONS
Polar-----	PROPERTIES	Research-----	OPERATIONS
Polar Air-----	PROPERTIES	Research Programs-----	GENERAL
Polar Fronts-----	THING/ACTIVITY	Resistance Coefficients-----	AGENTS
Pollution-----	PROPERTIES	Rockets-----	AGENTS
Pomars-----	FORM	Roughness Parameters-----	AGENTS
Potential Energy-----	PROCESSES		
Potential Evapotranspiration-----	PROCESSES	Sailing-----	GENERAL
Potential Gradients-----	PROPERTIES	Salt Spray-----	CONSTITUENTS
Potential Temperature-----	PROPERTIES	Sampling-----	OPERATIONS
Precipitable Water-----	CONSTITUENTS	Satellites-----	AGENTS
Precipitation-----	PROCESSES	Scale Heights-----	PROPERTIES
Precipitation Bands-----	PROCESSES	Scattering-----	PROCESSES
Press Reports-----	FORM	Scintillations-----	PROCESSES
Pressure-----	PROPERTIES	Sea Breezes-----	PROCESSES
Pressure Change-----	PROCESSES	Sea-Salt Particles-----	CONSTITUENTS
Pressure/Height-----	PROPERTIES	Seasons-----	PROPERTIES
Prevention-----	GENERAL	Seeding-----	OPERATIONS
Probabilities-----	AGENTS	Seiches-----	GENERAL
Proceedings-----	FORM	Seismographs-----	AGENTS
Professional Societies-----	GENERAL	Selective Fading-----	PROCESSES
Profiles-----	AGENTS	Seminars-----	GENERAL
Profiling-----	OPERATIONS	Sensible Heat-----	PROCESSES
Projectiles-----	AGENTS	Services-----	OPERATIONS
Propagation-----	PROCESSES	Sferics-----	AGENTS
Property Loss-----	GENERAL	Shear-----	PROCESSES
Protection-----	GENERAL	Shearing Stress-----	PROCESSES
Public Refuges-----	GENERAL	Shelterbelts-----	PROPERTIES
Purple Light-----	GENERAL	Ship Avoidance-----	OPERATIONS
		Ship Logs-----	FORM
Radar-----	AGENTS	Ship Reports-----	FORM
Radar Echoes-----	PROCESSES	Ships-----	AGENTS
Radar Propagation-----	PROCESSES	Short Duration-----	AGENTS
Radiation-----	PROCESSES	Showers-----	PROCESSES
Radio Propagation-----	PROCESSES	Silver Iodide-----	AGENTS
Radio Telescopes-----	AGENTS	Size Distribution-----	PROPERTIES
Radio Waves-----	GENERAL	Skewness-----	AGENTS
Radioactive Tracers-----	AGENTS	Smoke Plumes-----	CONSTITUENTS
Radiometers-----	AGENTS	Snow-----	PROCESSES
Radiometersondes-----	AGENTS	Solar-----	GENERAL
Radiosondes-----	AGENTS	Solar Activity-----	GENERAL
Rain Gages-----	AGENTS	Solar Constant-----	GENERAL
Rainmaking-----	OPERATIONS	Solar Flares-----	GENERAL
Rainout-----	PROCESSES	Solar Radiation-----	GENERAL
Rainstorms-----	THING/ACTIVITY	Sound Propagation-----	PROCESSES
		Soundings-----	OPERATIONS

METEOROLOGY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>
Spacecraft-----	AGENTS
Specific Humidity-----	PROPERTIES
Spectral Analysis-----	OPERATIONS
Spectroheliometers-----	AGENTS
Spiral Bands-----	PROCESSES
Split Images-----	PROCESSES
Sporadic F-----	PROCESSES
Squall Lines-----	THING/ACTIVITY
Squalls-----	THING/ACTIVITY
Stability-----	PROPERTIES
Stability Scales-----	AGENTS
Standard Atmosphere-----	PROPERTIES
Standard Deviations-----	AGENTS
Standard Heights-----	PROPERTIES
Static Electricity-----	PROPERTIES
Stations-----	AGENTS
Statistical Analysis-----	OPERATIONS
Statistical Studies-----	OPERATIONS
Steam Fog-----	PROCESSES
Steering-----	PROCESSES
Storm Avoidance-----	OPERATIONS
Storm Tracking-----	OPERATIONS
Storms-----	THING/ACTIVITY
Stream Function-----	AGENTS
Streamflow-----	GENERAL
Streamline Analysis-----	OPERATIONS
Streamlines-----	AGENTS
Stratosphere-----	PARTS
Structural Design-----	OPERATIONS
Structural Loading-----	GENERAL
Structure-----	PROPERTIES
Subsidence-----	PROCESSES
Sudden Ionospheric Disturb- ance-----	PROCESSES
Summaries-----	FORM
Summer-----	PROPERTIES
Sunshine-----	PROPERTIES
Sunshine Recorders-----	AGENTS
Sunspot Number-----	GENERAL
Sunspots-----	GENERAL
Surface-----	PARTS
Surface Effects-----	PROCESSES
Surface Stress-----	PROCESSES
Synoptic Analysis-----	OPERATIONS
Synoptic Charts-----	FORM
Tables-----	FORM
Techniques-----	OPERATIONS
Television-----	GENERAL
Temperature-----	PROPERTIES
Temperature/Dewpoint-----	PROPERTIES
Terrestrial Radiation-----	PROCESSES
Tethered Balloons-----	AGENTS
Texas Towers-----	AGENTS
Textbooks-----	FORM
Theory-----	OPERATIONS
Thermal Analysis-----	OPERATIONS
Thermodynamic Analysis-----	OPERATIONS
Thermometers-----	AGENTS

<u>Subject</u>	<u>See</u>
Thickness Analysis-----	OPERATIONS
Thickness Anomalies-----	PROPERTIES
Thunder-----	PROCESSES
Thunderstorms-----	THING/ACTIVITY
Time Cross Sections-----	AGENTS
Tornadoes-----	THING/ACTIVITY
Towers-----	AGENTS
Tracking-----	OPERATIONS
Tracks-----	AGENTS
Trade Winds-----	THING/ACTIVITY
Transport-----	PROCESSES
Tripartite Receivers-----	AGENTS
Tritium-----	CONSTITUENTS
Tropical Cyclones-----	THING/ACTIVITY
Tropical Fronts-----	THING/ACTIVITY
Tropical Whole Sky Code-----	AGENTS
Troposphere-----	PARTS
Troughs-----	PROPERTIES
Turbulence-----	PROCESSES
Unmanned Stations-----	AGENTS
Upper Air-----	PARTS
Vapor Pressure-----	PROPERTIES
Variations-----	PROCESSES
Vegetation-----	GENERAL
Velocity-----	PROPERTIES
Velocity Potential-----	PROPERTIES
Ventilation-----	PROCESSES
Vertical Coupling-----	PROCESSES
Vertical Motion-----	PROCESSES
Vertical Transport-----	PROCESSES
Vertical Velocity-----	PROPERTIES
Vertical Winds-----	PROCESSES
Viable Organisms-----	GENERAL
Visibility-----	PROPERTIES
Volcanic Ash-----	GENERAL
Volcanism-----	GENERAL
Vorticity-----	PROPERTIES
Warning Centers-----	AGENTS
Warnings-----	FORM
Water Content-----	CONSTITUENTS
Water Droplets-----	CONSTITUENTS
Water Spray-----	AGENTS
Water Spraying-----	OPERATIONS
Water Vapor-----	CONSTITUENTS
Water Vapor Pressure-----	PROPERTIES
Waterspouts-----	THING/ACTIVITY
Waves-----	PROCESSES
Weather Phenomena-----	THING/ACTIVITY
Weather Stations-----	AGENTS
Weather Systems-----	PROPERTIES
Westerlies-----	THING/ACTIVITY
Westward Drift-----	PROCESSES
Wet Bulb Temperature-----	PROPERTIES
Wind Roses-----	AGENTS
Winds-----	PROCESSES
Winter-----	PROPERTIES

METEOROLOGY SUBJECT INDEX

INSTRUCTIONS FOR USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vi

# METEOROLOGY SUBJECT INDEX

## GENERAL-Angels,Aurora,Aviation,etc.

ANGELS-Angels:Observations:Radar 1909

AURORA-Aurora:Observations 0963

AURORA-Aurora:Observations:Radar 1078

AURORA-Aurora:Observations:Summaries  
0891, 0896

AVIATION-Environmental Influences:Aviation  
0244, 0397

AVIATION-Forecasting:Aviation:Manuals  
1575

AVIATION-Forecasting:Aviation:Services  
1633

AVIATION-Observations:Aviation 0501

AVIATION-Observations:Aviation:Services  
1572

AVIATION-Services:Aviation(ICA0) 0533

BRIGHT BAND-Bright Band:Observations:  
Radar 1907

BRIGHT BAND-Hurricanes:Bright Band:Obser-  
vations 1237

BRIGHT BAND-Observations:Bright Band:  
Radar 1686

BROADCASTS-Broadcasts 1882, 2050

BROADCASTS-Broadcasts:Television:Equipment  
1928

BUILDING DESIGN-Climatology:Climates:  
Building Design 1742

BUILDING DESIGN-Hurricanes:Winds:Building  
Design 0835

CASUALTIES-Hurricanes:Casualties:Summaries  
0398, 0399

COMMUNICATIONS-Hurricanes:Communications:  
Manuals 0946

CONFERENCES-Climatology:Conferences  
1734

CONFERENCES-Clouds:Conferences 1210

CONFERENCES-Conferences 0701, 1277,  
1311, 1391, 1474, 1595, 1838,  
1861

CONFERENCES-Hurricanes:Conferences  
0839, 0854, 0945, 1041,  
1335, 1455, 1473, 1568,  
1959, 2004, 2049

CONFERENCES-Hurricanes:Conferences(WMO)  
0876

CONFERENCES-Radar:Conferences 1271

CONFERENCES-Rainstorms:Conferences  
1594

COSMIC RAYS-Cosmic Rays:Intensity:Measure-  
ments 0771

COSMIC RAYS-Cosmic Rays:Intensity:Varia-  
tions 0967

COSMIC RAYS-Cosmic Rays:Observations:  
Counter Telescopes 0967

COSMIC RAYS-Cosmic Rays:Observations(SKY-  
HOOK) 1173

COSMIC RAYS-Radiation:Cosmic Rays:Emulsions  
1186

CROPS-Hurricanes:Damage:Crops 0807,  
0814

DAMAGE-Easterly Waves:Winds:Damage  
1241

DAMAGE-Hurricanes:Damage:Classification  
2008

DAMAGE-Hurricanes:Damage:Crops 0807,  
0814

DAMAGE-Hurricanes:Damage:Description  
0015, 0204, 0452, 0470, 0617,  
0858

DAMAGE-Hurricanes:Damage:Photography  
0606

DAMAGE-Hurricanes:Damage:Property Loss  
0465, 0498, 0555, 0621, 0711,  
0717, 0743, 0798, 0807, 0833,  
0877, 0900, 0922, 0935, 1147,  
1169, 1218, 1220, 1288, 1307,  
1438, 1473, 1485, 1492, 1497,  
1529, 1550, 1573, 1574, 1587,  
1609, 1683, 1704, 1733, 1736,  
1808, 1835, 1925, 2023, 2030  
2153, 2520, 2712

# METEOROLOGY SUBJECT INDEX

## GENERAL-(Cont.)

DAMAGE-Hurricanes:Damage:Reef	1333, 1566	DISASTERS-Hurricanes:Disasters:Rescue	0106
DAMAGE-Hurricanes:Damage:Relief	1703	DISASTERS-Hurricanes:Disasters:Summaries	0621, 0755, 1762
DAMAGE-Hurricanes:Damage:Summaries	0398, 0399, 0799, 0950, 0981, 1359, 1762, 2008	DISASTERS-Northers:Winds:Disasters	0167
DAMAGE-Hurricanes:Damage:Vegetation	1333, 1566, 2033	DISASTERS-Tropical Cyclones:Disasters:Description	0023
DAMAGE-Hurricanes:Precipitation:Damage	0714	DISASTERS-Tropical Cyclones:Disasters:Relief	0207
DAMAGE-Hurricanes:Winds:Damage	0210, 0293, 0714	DISASTERS-Tropical Cyclones:Disasters:Statistical Studies	1180
DAMAGE-Storms:Hail:Damage	0375	DISEASES-Environmental Influences:Human Life:Diseases	0061
DAMAGE-Thunderstorms:Hail:Damage	0320, 0328	EDUCATION-Climatology:Education	0905
DAMAGE-Thunderstorms:Winds:Damage	0320	EDUCATION-Education	0117, 0551, 0605, 0672, 0724, 0880, 0905, 1614, 1833, 1837, 1870, 1988
DAMAGE-Trade Winds:Winds:Damage	1241	EDUCATION-Forecasting:Education	0788
DAMAGE-Tropical Cyclones:Damage:Property Loss	1103, 2048, 2171	EDUCATION-Hurricanes:Education	0598
DESIGN DATA-Hurricanes:Engineering:Design Data	1496, 1853, 1925, 2012	EDUCATION-Observations:Education	0788
DESIGN DATA-Winds:Design Data	521, 0531	ELECTROMAGNETIC-Waves:Electromagnetic:Observations	0823
DISASTERS-Hurricanes:Disasters	0079, 0797	EMULSIONS-Radiation:Cosmic Rays:Emulsions	1186
DISASTERS-Hurricanes:Disasters:Description	0099, 0101, 0102, 0103, 0104, 0106, 0109, 0114, 0202, 0204	EQUINOCTIAL-Storms:Equinoctial	0080
DISASTERS-Hurricanes:Disasters:Human Life	0103, 0419, 0441, 0465, 0685, 0711, 0717, 0798, 0877, 0922, 0957, 1218, 1220, 1304, 1352, 1405, 1407, 1438, 1473, 1492, 1497, 2008	EVACUATION-Hurricanes:Forecasting:Evacuation	0584, 1427
DISASTERS-Hurricanes:Disasters:Prevention	1336	EVACUATION-Hurricanes:Human Life:Evacuation	1376
DISASTERS-Hurricanes:Disasters:Property Loss	0103, 0106, 0220, 0419, 0441, 0518, 0520, 0521, 0685, 0786	FARADAY ROTATION-Ionosphere:Electron Content:Faraday Rotation	1768
DISASTERS-Hurricanes:Disasters:Relief	0010, 0100, 0204, 0224, 0300	FAUNA-Aerosols:Fauna:Transport	0310
		FIREBALLS:Observations	2043
		FISH KILL-Gulfs:Temperature:Fish Kill	0071
		FISH KILL-Temperature:Cold Wave:Fish Kill	0071, 0153, 0309, 0340, 0352, 0355

# METEOROLOGICAL SUBJECT INDEX

## GENERAL-(Cont.)

FLOODING-Hurricanes:Precipitation:Flooding  
0754, 0833, 0854, 0871, 1354,  
1664, 1972, 2023, 2154, 2719,  
2770, 2771

FLOODING-Hurricanes:Pressure:Flooding  
2593

FLOODING-Precipitation:Flooding:Forecasting  
1069

FLOODING-Precipitation:Flooding:Synoptic  
Analysis 1026

FLOODING-Precipitation:Warnings:Flooding  
0600

FLOODING-Rainstorms:Flooding:Analysis  
1673

FLOODING-Tropical Cyclones:Precipitation:  
Flooding 1226

FRESH WATER PRODUCTION-Trade Winds:Conden-  
sation:Fresh Water Production 1764

FUNGUS SPORES-Atmosphere:Fungus Spores:  
Observations 0720

GAMMA EMISSION-Radiation:Solar Flares:  
Gamma Emission 1226

GENERAL-General 0052, 0073, 0193, 0581,  
0566, 1084

GEOMAGNETIC DECLINATION-Stratosphere:Geo-  
magnetic Declination:Observa-  
tions 1855

HAZARDS-Hurricanes:Hazards:Human Life  
0079

HAZARDS-Hurricanes:Hazards:Ships 0026

HAZARDS-Lightning:Hazards:Human Life  
0032

HEATED ISLAND-Clouds:Convection:Heated  
Island 1028

HEATED ISLAND-Convection:Heated Island  
0693, 1503

HEATED ISLAND-Heated Island:Models 1902

HEATED ISLAND-Precipitation:Modification:  
Heated Island 1388

HEATED ISLAND-(see next column)

HEATED ISLAND-Trade Winds:Clouds:Heated  
Island 0941

HUMAN LIFE-Environmental Influences:Human  
Life 0006, 0060

HUMAN LIFE-Environmental Influences:Human  
Life:Diseases 0061

HUMAN LIFE-Hurricanes:Disasters:Human Life  
0103, 0419, 0441, 0465, 0685,  
0711, 0717, 0798, 0877, 0922,  
0957, 1218, 1220, 1304, 1352,  
1405, 1407, 1438, 1473, 1492,  
1497, 2008

HUMAN LIFE-Hurricanes:Hazards:Human Life  
0079

HUMAN LIFE-Hurricanes:Human Life:Evacua-  
tion 1378

HUMAN LIFE-Lightning:Hazards:Human Life  
0032

INSECT ACTIVITY-Hurricanes:Pressure:Insect  
Activity 1364

INSECT MIGRATION-Winds:Observations:Insect  
Migration 0158

INSURANCE-Hurricanes:Offshore Drilling:  
Insurance 0520

LECTURES-Hurricanes:Description:Lectures  
0075

LUNAR CYCLES-Lunar Cycles:Summaries  
1403

LUNAR TIDES-Atmosphere:Lunar Tides:Obser-  
vations 1637

MICROSEISMS-Hurricanes:Storm Tracking:  
Microseisms 0460, 0612,  
0673

MICROSEISMS-Tropical Cyclones:Surface  
Effects:Microseisms 0457

MOLDS-Atmosphere:Molds:Summaries 0720

NUCLEAR EXPLOSIONS-Hurricanes:Modification:  
Nuclear Explosions  
1031

NUCLEAR EXPLOSIONS-Ionosphere:Variations:  
Nuclear Explosions  
1349

OBITUARIES (see next page)



# METEOROLOGY SUBJECT INDEX

## GENERAL-(Cont.)

OBITUARIES-Obituaries(Tannehill) 1118

OFFSHORE DRILLING-Hurricanes:Forecasting:  
Offshore Drilling  
0646

OFFSHORE DRILLING-Hurricanes:Offshore  
Drilling:Insurance  
0520

OROGRAPHIC EFFECTS-Hurricanes:Movement:  
Orographic Effects  
0343

PREVENTION-Hurricanes:Disasters:Prevention  
1336

PROFESSIONAL SOCIETIES-Professional Socie-  
ties 0119

PROPERTY LOSS-Hurricanes:Damage:Property  
Loss 0465, 0498, 0555,  
0621, 0711, 0717, 0743,  
0798, 0807, 0833, 0877,  
0900, 0922, 0935, 1147,  
1169, 1218, 1220, 1288,  
1307, 1438, 1473, 1485,  
1492, 1497, 1529, 1550,  
1573, 1574, 1587, 1609,  
1683, 1704, 1733, 1736,  
1808, 1835, 1925, 2023,  
2030, 2153, 2520, 2712

PROPERTY LOSS-Hurricanes:Disasters:Property  
Loss 0103, 0106, 0220,  
0419, 0441, 0518, 0520,  
0521, 0685, 0786

PROPERTY LOSS-Tropical Cyclones:Damage:  
Property Loss 1103, 2048,  
2171

PROTECTION-Hurricanes:Protection 1130

PROTECTION PLANS-Hurricanes:Protection  
Plans 1705

PUBLIC REFUGES-Hurricanes:Public Refuges  
0818

PURPLE LIGHT-Purple Light:Observations  
0686

RADIO WAVES-Radio Waves:Propagation:Statis-  
tical Studies 1193

RADIO WAVES-Radio Waves:Propag tion:Sum-  
maries 1193

REEFS-Hurricanes:Damage:Reefs 1333,  
1566

REGISTER-Register 0157

RELIEF-Hurricanes:Damage:Relief 1703

RELIEF-Hurricanes:Disasters:Relief  
0010, 0100, 0204, 0224, 0300

RELIEF-Tropical Cyclones:Disasters:Relief  
0207

REQUIREMENTS-Hurricanes:Observations:  
Requirements 0376, 0773,  
0796, 0805, 0816, 0820

REQUIREMENTS-Hurricanes:Warnings:Require-  
ments 0359

REQUIREMENTS-Observations:Radar:Require-  
ments 1339

RESEARCH PROGRAMS-Air/Sea Interaction:  
Research Programs  
1560, 1652, 1757,  
1758, 1847, 1859,  
1879, 1893, 1903,  
1927, 1933, 1954,  
1978, 1995, 2005,  
2009, 2022, 2024,  
2031, 2037, 2038,  
2635

RESEARCH PROGRAMS-Air/Sea Interaction:  
Research Programs:Bulle-  
tins 1872

RESEARCH PROGRAMS-Circulation:Research  
Programs 1196

RESEARCH PROGRAMS-Climatology:Research  
Programs 1354, 1748,  
1756, 1769, 1815,  
1843, 1901, 2001

RESEARCH PROGRAMS-Clouds:Convection:  
Research Programs  
1767

RESEARCH PROGRAMS-Clouds:Modification:  
Research Programs  
0641, 0892, 1612,  
1829

RESEARCH PROGRAMS-Clouds:Research Programs  
1093, 1196

RESEARCH PROGRAMS-Convection:Research  
Programs 1560

# METEOROLOGY SUBJECT INDEX

## GENERAL-(Cont.)

- RESEARCH PROGRAMS-Forecasting:Research Programs 1196
- RESEARCH PROGRAMS-Hurricanes:Analysis: Research Programs 1986
- RESEARCH PROGRAMS-Hurricanes:Observations: Research Programs 2897
- RESEARCH PROGRAMS-Hurricanes:Radar:Research Programs 1981
- RESEARCH PROGRAMS-Hurricanes:Research Programs 0801, 0848, 0871, 0876, 1062, 1476, 1484, 1586, 1667, 1687, 1718, 2823
- RESEARCH PROGRAMS-Instability:Research Programs 1196
- RESEARCH PROGRAMS-Northers:Research Programs 1196
- RESEARCH PROGRAMS-Observations:Aircraft: Research Programs 1444
- RESEARCH PROGRAMS-Observations:Radar: Research Programs 1944
- RESEARCH PROGRAMS-Precipitation:Rainmaking: Research Programs 0641, 1490, 1612
- RESEARCH PROGRAMS-Research Programs 0297, 0645, 0678, 0961, 1197, 1244, 1353, 1383, 1868, 1945, 2452, 2480
- RESEARCH PROGRAMS-Research Programs:Annual Reports 0972
- RESEARCH PROGRAMS-Thunderstorms:Research Programs 1196
- RESEARCH PROGRAMS-Trade Winds:Air/Sea Interaction:Research Programs 1654
- RESEARCH PROGRAMS-Trade Winds:Heating: Research Programs 1429
- RESEARCH PROGRAMS-Trade Winds:Research Programs 1653
- RESEARCH PROGRAMS-Tropical Cyclones: Research Programs 1136, 1137
- RESEARCH PROGRAMS-Upper Air:Circulation: Research Programs 1195
- RESEARCH PROGRAMS-Upper Air:Research Programs 1729
- RESEARCH PROGRAMS-Weather Stations:Research Programs 1457
- RESEARCH PROGRAMS-Winds:Land Breezes: Research Programs 2010
- RESEARCH PROGRAMS-Winds:Sea Breezes: Research Programs 1848, 2010
- SAILING-Hurricanes:Sailing 1030
- SEICHES-Tropical Cyclones:Precipitation: Seiches 2450
- SEMINARS-Hurricanes:Seminars 0813
- SOLAR-Energy:Solar:Summaries 1517
- SOLAR-Radiation:Solar:Absorption 1860
- SOLAR-Radiation:Solar:Analysis 1840
- SOLAR-Radiation:Solar:Observations 0911, 1192
- SOLAR-Radiation:Solar:Radiosondes 0468
- SOLAR-Radiation:Solar:Statistical Studies 1116
- SOLAR-Radiation:Solar:Summaries 0110, 0453, 0459, 0486, 1192, 2252
- SOLAR ACTIVITY-Solar Activity:Statistical Studies:Correlations 1724
- SOLAR CONSTANT-Hurricanes:Solar Constant: Variations 0479
- SOLAR CONSTANT-Solar Constant:Summaries 0479
- SOLAR FLARES-Radiation:Solar Flares:Gamma Emission 1226
- SOLAR FLARES-Radiation:Solar Flares:Observations 1105

# METEOROLOGY SUBJECT INDEX

## GENERAL-(Cont.)

SOLAR FLARES-Radiation:Solar Flares:Summaries 1279

SOLAR FLARES-Solar Flares:Observations 0771, 0823

SOLAR FLARES-Solar Flares:Observations: Balloons 1226

SOLAR RADIATION-Solar Radiation:Observations:Spectroheliometer 1035

SOLAR RADIATION-Solar Radiation:Summaries 1035, 2532

STREAMFLOW-Precipitation:Streamflow:Summaries 1508

STRUCTURAL LOADING-Hurricanes:Winds:Structural Loading 0835

SUNSPOT NUMBER-Sunspot Number:Summaries 1700

SUNSPOTS-Sunspots:Observations 0196

SUNSPOTS-Sunspots:Summaries 0170, 0858

TELEVISION-Broadcasts:Television:Equipment 1928

VEGETATION-Hurricanes:Damage:Vegetation 1333, 1566, 2033

VIABLE ORGANISMS-Northers:Viable Organisms: Transport 1332

VOLCANIC ASH-Aerosols:Volcanic Ash 0415

VOLCANIC ASH-Aerosols:Volcanic Ash:Observations 1948

VOLCANIC ASH-Pollution:Volcanic Ash:Observations 1669, 1670

VOLCANIC ASH-Upper Air:Haze:Volcanic Ash 0594

VOLCANISM-Climatology:Surface Effects:Volcanism 0412

## FORM-Advisories,AIREPS,Almanacs,etc.

(see next column)

## FORM-Advisories,AIREPS,Almanacs,etc. (Cont.)

ADVISORIES-Advisories 0760

ADVISORIES-Hurricanes:Advisories 0761, 1050, 1456, 1458, 1459, 1577

ADVISORIES-Hurricanes:Advisories:Services 1461, 1484

AIREPS-Hurricanes:Observations:AIREPS 0776

ALMANACS-Almanacs 0008

ANNUAL REPORTS-Research Programs:Annual Reports 0972

ATLASES-Climatology:Atlases 0312, 0317, 0319, 0404, 0757

ATLASES-Storms:Atlases 1715

ATLASES-Tropical Cyclones:Atlases 1708

BIBLIOGRAPHIES-Bibliographies 0041, 0530, 1243, 1701

BIBLIOGRAPHIES-Climatology:Bibliographies 0041, 0174, 1254, 1257, 1340, 1341, 1342, 1343

BIBLIOGRAPHIES-Climatology:Climates:Bibliographies 0808, 0831, 0832, 0849, 0850, 0851, 0852, 0853, 0862, 0863, 0864, 0936, 0989, 1227, 1330, 1468, 1584, 1680, 1711

BIBLIOGRAPHIES-Hurricanes:Bibliographies 0031, 0048, 0827, 1372, 1374

BIBLIOGRAPHIES-Tornadoes:Bibliographies 0048

BIBLIOGRAPHIES-Tropical Cyclones:Bibliographies 0048, 0826, 0827, 0857

BIOGRAPHIES-Biographies(Cline) 0731

BIOGRAPHIES-Biographies(Frelow) 0363

BIOGRAPHIES-Biographies(Pofy) 0039

BIOGRAPHIES-Biographies(ViRes) 1881

# METEOROLOGY SUBJECT INDEX

## FORM-(Cont.)

BIOGRAPHIES-Hurricanes:Forecasting:Biographies 0120

BULLETINS-Air/Sea Interaction:Research Programs:Bulletins 1872

BULLETINS-Bulletins 0760

BULLETINS-Bulletins:Handbooks 0944

BULLETINS-Climatology:Bulletins 0400, 1396

CHARTS-Climatology:Climates:Charts 0312, 0317

CHARTS-Gulfs:Depth:Charts 0534

CHARTS-Hurricanes:Movement:Charts 0017, 0028, 0030, 0097, 0419, 0532, 0539

CHARTS-Hurricanes:Pressure:Charts 0138

CHARTS-Hurricanes:Storm Tracking:Charts 2002

CHARTS-Hurricanes:Synoptic Analysis:Charts 0567, 0867, 1206

CHARTS-Hurricanes:Winds:Charts 0017, 1462

CHARTS-Northers:Charts 0022

CHARTS-Observations:Charts 0406

CHARTS-Precipitation:Charts 0229

CHARTS-Precipitation:Isohyets:Charts 0842

CHARTS-Synoptic Analysis:Charts 0382

CHARTS-Upper Air:Pressure:Charts 0536

CHARTS-Upper Air:Winds:Charts 0523, 0594

CHARTS-Water Vapor:Charts 0887

CHARTS-Weather Phenomena:Charts 0344

COMPOSITE CHARTS-Circulation:Analysis: Composite Charts 1063

CONTOUR CHARTS-Upper Air:Winds:Contour Charts 0704

GRAPHS-Precipitation:Statistical Studies: Graphs 0889

HANDBOOKS-Bulletins:Handbooks 0944

INDEXES-Hurricanes:Observations:Indexes 0868, 0870, 1051

MANUALS-Forecasting:Aviation:Manuals 1575

MANUALS-Forecasting:Manuals 1262

MANUALS-Hurricanes:Communications:Manuals 0946

MANUALS-Hurricanes:Forecasting:Manuals 1127

MANUALS-Hurricanes:Manuals 1512

MANUALS-Hurricanes:Networks:Manuals 0865

MANUALS-Manuals 0952

MANUALS-Observations:Manuals 0670, 0723

MAPS-Climatology:Classification:Maps 0325, 0354

MAPS-Climatology:Climates:Maps 0354, 0371, 0936, 0976, 1227

MAPS-Climatology:Maps 0325, 0332, 1343

MAPS-Hailstorms:Movement:Maps 0112

MAPS-Hurricanes:Movement:Maps 0113, 0292, 0487, 0490, 0525

MAPS-Hurricanes:Summaries:Maps 0249

MAPS-Precipitation:Isohyets:Maps 0288

MAPS-Precipitation:Maps 0319, 0325, 0330, 0422

MAPS-Precipitation:Statistical Studies:Maps 0349

MAPS-Temperature:Lapse Rates:Maps 0183

PILOT GUIDES-Northers:Winds:Pilot Guides 0231

PILOT REPORTS-Haze:Observations:Pilot Reports 0594

POMARS-Hurricanes:Observations:POMARS 0776

PRESS REPORTS-Hurricanes:Description:Press Reports 0233

PROCEEDINGS-Hurricanes:Proceedings 0780

# METEOROLOGY SUBJECT INDEX

## FORM-(Cont.)

SHIP LOGS-Hurricanes:Observations:Ship Logs  
0077

SHIP LOGS-Observations:Ship Logs 0009,  
0205

SHIP REPORTS-Cloudiness:Observations:Ship  
Reports 0666

SHIP REPORTS-Clouds:Observations:Ship  
Reports 1480

SHIP REPORTS-Hurricanes:Cyclogenesis:Ship  
Reports 0564

SHIP REPORTS-Hurricanes:Observations:Ship  
Reports 0266, 1007, 1076,  
1834

SHIP REPORTS-Northers:Observations:Ship  
Reports 0745

SHIP REPORTS-Observations:Ship Reports  
0145

SHIP REPORTS-Storms:Hail:Ship Reports  
1171

SHIP REPORTS-Tropical Cyclones:Movement:  
Ship Reports 1393

SHIP REPORTS-Tropical Cyclones:Ship  
Reports 0030

SHIP REPORTS-Waterspouts:Observations:Ship  
Reports 1923

SHIP REPORTS-Winds:Observations:Ship  
Reports 0959, 0999

SUMMARIES-Aerosols:Dust:Summaries 1739

SUMMARIES-Air Masses:Summaries 0396,  
1107

SUMMARIES-Air Masses:Tropical Cyclones:  
Summaries 0568

SUMMARIES-Air/Sea Interaction:Summaries  
2541, 2905

SUMMARIES-Atmosphere:Molds:Summaries  
0720

SUMMARIES-Aurora:Observations:Summaries  
0891, 0896

SUMMARIES-Circulation:Summaries 0483,  
0568, 0684, 0809, 0973, 1020,  
1315

SUMMARIES-(see next column)

## SUMMARIES-Climatology:Climates:Summaries

0086, 0094, 0191, 0203, 0235,  
0237, 0271, 0273, 0275, 0295,  
0515, 0558, 0665, 0829, 0830,  
0888, 0906, 0920, 0937, 0953,  
0973, 0976, 0982, 1046, 1085,  
1180, 1225, 1354, 1442, 1467,  
1487, 1508, 1517, 1547, 1564,  
1674, 1699, 1723, 1790, 1858,  
1900, 1956

## SUMMARIES-Climatology:Drought:Summaries

SUMMARIES-Climatology:Observations:Summar-  
ies 0374, 0389, 0988

## SUMMARIES-Climatology:Statistical Studies: Summaries 0390

## SUMMARIES-Climatology:Summaries 0141,

0159, 0179, 0182, 0192, 0194,  
0197, 0209, 0219, 0221, 0238,  
0276, 0286, 0291, 0301, 0316,  
0331, 0353, 0366, 0367, 0382,  
0386, 0394, 0403, 0436, 0440,  
0453, 0455, 0473, 0476, 0480,  
0482, 0486, 0494, 0501, 0503,  
0510, 0527, 0535, 0543, 0544,  
0547, 0548, 0552, 0553, 0579,  
0580, 0585, 0591, 0593, 0598,  
0602, 0603, 0609, 0614, 0615,  
0616, 0620, 0624, 0625, 0632,  
0633, 0636, 0644, 0657, 0663,  
0684, 0688, 0697, 0740, 0757,  
0767, 0775, 0895, 0923, 1002,  
1020, 1034, 1070, 1081, 1152,  
1158, 1164, 1178, 1181, 1199,  
1272, 1276, 1360, 1361, 1381,  
1394, 1413, 1423, 1454, 1464,  
1505, 1540, 1553, 1569, 1575,  
1579, 1580, 1599, 1618, 1619,  
1620, 1640, 1663, 1700, 1707,  
1715, 1719, 1737, 1745, 1746,  
1749, 1750, 1751, 1752, 1753,  
1754, 1766, 1797, 1809, 1822,  
1841, 1859, 1883, 1894, 1895,  
1896, 1897, 1898, 1899, 1913,  
1961, 1976, 1994, 1998, 2000,  
2027, 2094, 2373, 2405, 2615

## SUMMARIES-Cloud Systems:Summaries 1539

## SUMMARIES-Cloudiness:Ceilings:Summaries 0553

## SUMMARIES-Cloudiness:Diurnal Variation: Summaries 0466

## SUMMARIES-Cloudiness:Summaries 0182, 0237, 0307, 0431, 0510, 0585,

# METEOROLOGY SUBJECT INDEX

## FORM-(Cont.)

### SUMMARIES-Cloudiness:Summaries (Cont.)

0591, 0615, 0688, 0939, 2251,  
2373

SUMMARIES-Clouds:Cirrus:Summaries 1104

SUMMARIES-Clouds:Cumulus:Summaries 1544

SUMMARIES-Clouds:Modification:Summaries  
0777

SUMMARIES-Clouds:Summaries 0095, 0110,  
0179, 0437, 0516, 0547, 0592,  
0593, 1223

SUMMARIES-Clouds:Temperature:Summaries  
0769

SUMMARIES-Convection:Bénard Cells:Summar-  
ies 2045

SUMMARIES-Convection:Summaries 0689,  
1474, 1502

SUMMARIES-Density:Observations:Summaries  
1413

SUMMARIES-Dew:Summaries 0140, 0585,  
1440

SUMMARIES-Dew Point:Summaries 0095,  
0110, 0688, 1107, 1175

SUMMARIES-Doldrums:Summaries 0614

SUMMARIES-Drought:Summaries 0829

SUMMARIES-Easterly Waves:Summaries 0732,  
0810, 1785

SUMMARIES-Energy:Solar:Summaries 1517

SUMMARIES-Equivalent Potential Temperature:  
Summaries 1654

SUMMARIES-Evaporation:Summaries 0237,  
0459, 0486, 0546, 0547, 0548,  
1002, 1070, 1158, 1180, 1618,  
1619, 1620, 1749, 1750, 1751,  
1752, 1753, 1754, 1894, 1895,  
1896, 1897, 1898, 1899, 2000

SUMMARIES-Evapotranspiration:Summaries  
0560, 1965

SUMMARIES-Extratropical cyclones:Summaries  
0684

SUMMARIES-(see next column)

SUMMARIES-Fog:Summaries 0386, 0453,  
1262

SUMMARIES-Fronts:Summaries 1475

SUMMARIES-Frost:Summaries 0453, 1095,  
1700

SUMMARIES-Funnel Clouds:Summaries 1505

SUMMARIES-Hail:Summaries 1505, 1625

SUMMARIES-Hailstorms:Summaries 0188

SUMMARIES-Humidity:Summaries 0094,  
0129, 0137, 0547, 0585, 0616,  
1070, 1669

SUMMARIES-Hurricanes:Casualties:Summaries  
0398, 0399

SUMMARIES-Hurricanes:Classification:Sum-  
maries 2046

SUMMARIES-Hurricanes:Clouds:Summaries  
1217

SUMMARIES-Hurricanes:Cyclogenesis:Summar-  
ies 0763, 0768, 0780, 1403

SUMMARIES-Hurricanes:Damage:Summaries  
0398, 0399, 0799, 0950, 0981,  
1359, 1762, 2008

SUMMARIES-Hurricanes:Disasters:Summaries  
0621, 0755, 1762

SUMMARIES-Hurricanes:Forecasting:Summaries  
0780, 0795

SUMMARIES-Hurricanes:Movement:Summaries  
0257, 0398, 0399, 0402, 0473,  
0525, 0763, 0951, 1279, 1519

SUMMARIES-Hurricanes:Observations:Summar-  
ies 0986

SUMMARIES-Hurricanes:Precipitation:Summar-  
ies 0739, 0763, 0855, 0856,  
0986, 1217, 1458, 1850, 2680

SUMMARIES-Hurricanes:Pressure:Summaries  
0398, 0399, 0419, 0763, 0856,  
0986, 1149, 1428, 1458, 2576

SUMMARIES-Hurricanes:Structure:Summaries  
0768, 1791

SUMMARIES-Hurricanes:Summaries 0017,  
0025, 0027, 0031, 0034, 0036,  
0037, 0043, 0044, 0046, 0058,

# METEOROLOGY SUBJECT INDEX

FORM-(Cont.)

## SUMMARIES-Hurricanes:Summaries (Cont.)

0083, 0111, 0113, 0124, 0126,  
0150, 0172, 0239, 0247, 0250,  
0292, 0398, 0399, 0451, 0459,  
0490, 0499, 0515, 0517, 0532,  
0539, 0541, 0555, 0576, 0588,  
0623, 0632, 0648, 0671, 0684,  
0685, 0703, 0713, 0714, 0717,  
0725, 0726, 0729, 0744, 0762  
0763, 0768, 0778, 0779, 0785,  
0786, 0787, 0792, 0797, 0798,  
0799, 0800, 0829, 0855, 0856,  
0858, 0867, 0877, 0898, 0900,  
0921, 0922, 0942, 0947, 0948,  
0950, 0972, 0979, 0991, 0994,  
1031, 1047, 1048, 1073, 1074,  
1075, 1087, 1109, 1123, 1127,  
1129, 1144, 1147, 1169, 1206,  
1218, 1264, 1285, 1288, 1301,  
1303, 1305, 1359, 1362, 1373,  
1374, 1376, 1406, 1407, 1414,  
1425, 1428, 1435, 1450, 1456,  
1473, 1479, 1485, 1488, 1492,  
1495, 1496, 1497, 1512, 1517,  
1531, 1533, 1578, 1608, 1651,  
1668, 1704, 1732, 1741, 1780,  
1813, 1836, 1845, 1946, 1960,  
1973, 1992, 2006, 2016, 2020,  
2033, 2047, 2719, 2771, 3078

SUMMARIES-Hurricanes:Summaries:Maps  
0249

SUMMARIES-Hurricanes:Temperature:Summaries  
1217

SUMMARIES-Hurricanes:Tornadoes:Summaries  
1641, 1811, 1888

SUMMARIES-Hurricanes:Winds:Summaries  
0206, 0249, 0398, 0399, 0419,  
0555, 0763, 0856, 0951, 0986,  
1217, 1428, 1458, 2506, 2576

SUMMARIES-Ionosphere:Ion Density:Summaries  
1672

SUMMARIES-Ionosphere:Sporadic E:Summaries  
1145

SUMMARIES-Lightning:Summaries 0055

SUMMARIES-Lunar Cycles:Summaries 1403

SUMMARIES-Mixing Ratio:Summaries 1654

SUMMARIES-Momentum:Summaries 1606

SUMMARIES-(see next column)

SUMMARIES-Northerners:Summaries 0647,  
0684

SUMMARIES-Northerners:Winds:Summaries  
0206, 0391

SUMMARIES-Observations:Summaries 0055,  
0076, 0095, 0121, 0122, 0151,  
0154, 0208, 0248, 0298, 0307,  
0437, 0438, 1567, 1614

SUMMARIES-Particle Fall:Summaries 1669

SUMMARIES-Particle Size:Summaries 1669

SUMMARIES-Potential Evapotranspiration:  
Summaries 1158

SUMMARIES-Precipitation:Droughts:Summaries  
0170

SUMMARIES-Precipitation:Intensities:Summar-  
ies 0232

SUMMARIES-Precipitation:Rainmaking:Summar-  
ies 0953

SUMMARIES-Precipitation:Streamflow:Summar-  
ies 1508

SUMMARIES-Precipitation:Summaries 0033,  
0049, 0055, 0081, 0086, 0110,  
0137, 0171, 0176, 0179, 0182,  
0186, 0192, 0194, 0197, 0214,  
0222, 0237, 0240, 0241, 0246,  
0279, 0288, 0313, 0318, 0354,  
0367, 0382, 0392, 0401, 0407,  
0412, 0424, 0431, 0440, 0453,  
0459, 0486, 0505, 0507, 0510,  
0515, 0526, 0546, 0547, 0548,  
0558, 0560, 0580, 0585, 0592,  
0593, 0611, 0624, 0649, 0677,  
0689, 0712, 0728, 0765, 0775,  
0829, 0830, 0873, 0882, 0889,  
0895, 0906, 0923, 0928, 0956,  
0965, 0969, 0988, 1002, 1052,  
1070, 1081, 1117, 1135, 1143,  
1152, 1158, 1178, 1180, 1207,  
1262, 1266, 1276, 1280, 1289,  
1295, 1310, 1358, 1369, 1421,  
1432, 1465, 1474, 1475, 1482,  
1505, 1513, 1523, 1528, 1534,  
1544, 1545, 1569, 1612, 1618,  
1620, 1623, 1634, 1638, 1639,  
1700, 1725, 1735, 1749, 1750,  
1751, 1752, 1753, 1754, 1770,  
1776, 1782, 1788, 1809, 1859,  
1886, 1894, 1895, 1896, 1897,  
1898, 1899, 1913, 1926, 2000,  
2252

# METEOROLOGY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Precipitation:Variations:Summaries  
0121

SUMMARIES-Pressure:Cold Lows:Summaries  
1622

SUMMARIES-Pressure:Summaries 0055, 0078,  
0086, 0095, 0110, 0129, 0137,  
0182, 0273, 0356, 0357, 0362,  
0372, 0412, 0459, 0486, 0547,  
0580, 0585, 0615, 0637, 0688,  
830, 0973, 1517, 1569, 1618,  
1619, 1620, 1648, 1749, 1750,  
1751, 1752, 1753, 1754, 1809,  
1894, 1895, 1896, 1899, 2000,  
2251, 2252, 2485, 2568

SUMMARIES-Pressure Change:Summaries  
1262

SUMMARIES-Radar Echoes:Summaries 1624

SUMMARIES-Radiation:Infrared:Summaries  
1786

SUMMARIES-Radiation:Solar:Summaries  
0110, 0453, 0459, 0486, 1192,  
2252

SUMMARIES-Radiation:Solar Flares:Summaries  
1279

SUMMARIES-Refractive Index:Hail:Summaries  
1507

SUMMARIES-Relative Humidity:Summaries  
0095, 0110, 0182, 0194, 0219,  
0271, 0273, 0431, 0453, 0459,  
0486, 0510, 0515, 0615, 0688,  
0873, 0906, 0988, 1152, 1178,  
1180, 1618, 1619, 1620, 1749,  
1750, 1751, 1752, 1753, 1754,  
1809, 1894, 1895, 1896, 1897,  
1898, 1899, 1956, 1965, 2000,  
2251, 2252

SUMMARIES-Sea Breezes:Summaries 1628

SUMMARIES-Solar Constant:Summaries 0479

SUMMARIES-Solar Radiation:Summaries  
1035, 2532

SUMMARIES-Stability:Thermal Summaries  
0637

SUMMARIES-Storms:Lightning:Summaries  
0032

SUMMARIES-Storms:Precipitation:Summaries  
1536

SUMMARIES-Storms:Squalls:Summaries  
0188

SUMMARIES-Storms:Summaries 0058, 0206,  
1442, 2016

SUMMARIES-Sunshine:Summaries 0585, 0615,  
0906, 1070, 1158, 1180, 1192,  
1276, 2180

SUMMARIES-Sunspot Number:Summaries  
1700

SUMMARIES-Sunspots:Summaries 0170, 0650,  
0858

SUMMARIES-Temperature:Cold Waves:Summaries  
0223

SUMMARIES-Temperature:Extremes:Summaries  
0579

SUMMARIES-Temperature:Gradients:Summaries  
0941

SUMMARIES-Temperature:Hail:Summaries  
1507

SUMMARIES-Temperature:Summaries 0055,  
0086, 0094, 0095, 0110, 0129,  
0137, 0182, 0192, 0194, 0206,  
0237, 0303, 0318, 0354, 0412,  
0459, 0461, 0486, 0515, 0546,  
0547, 0580, 0585, 0615, 0688,  
0689, 0708, 0873, 0874, 0883,  
0906, 0923, 0953, 0988, 1003,  
1152, 1158, 1178, 1180, 1276,  
1517, 1618, 1619, 1620, 1648,  
1649, 1654, 1669, 1749, 1750,  
1751, 1752, 1753, 1754, 1809,  
1852, 1894, 1895, 1896, 1897,  
1898, 1899, 1956, 1965, 2000,  
2027, 2180, 2251, 2252, 2257,  
2420, 2440, 2568, 2613, 2726

SUMMARIES-Temperature:Transport:Summaries  
2236

SUMMARIES-Terrestrial Radiations:Summaries  
2532

SUMMARIES-Thunder:Summaries 0055

SUMMARIES-Thunderstorms:Cloud Heights:  
Summaries 1662

SUMMARIES-(see next page)



# METEOROLOGY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Thunderstorms:Summaries 0129,  
0144, 0179, 0386, 1262

SUMMARIES-Tornadoes:Refractive Index:Sum-  
maries 1507

SUMMARIES-Tornadoes:Summaries 0058,  
1505, 2016

SUMMARIES-Tornadoes:Temperature:Summaries  
1507

SUMMARIES-Tornadoes:Winds:Summaries  
1908

SUMMARIES-Trade Winds:Circulation:Summar-  
ies 0934, 1189

SUMMARIES-Trade Winds:Cumulus:Summaries  
0993

SUMMARIES-Trade Winds:Moist Layer:Summar-  
ies 1036

SUMMARIES-Trade Winds:Precipitation:Sum-  
maries 1542, 1776

SUMMARIES-Trade Winds:Summaries 0568,  
0620, 1029, 1278, 2066

SUMMARIES-Tropical Cyclones:Air Masses:  
Summaries 0568

SUMMARIES-Tropical Cyclones:Cyclogenesis:  
Summaries 1511, 1569

SUMMARIES-Tropical Cyclones:Movement:  
Summaries 0299, 1219

SUMMARIES-Tropical Cyclones:Precipitation:  
Summaries 0842

SUMMARIES-Tropical Cyclones:Pressure:  
Summaries 0260

SUMMARIES-Tropical Cyclones:Refractive  
Index:Summaries 1161

SUMMARIES-Tropical Cyclones:Summaries  
0028, 0053, 0126, 0129, 0269,  
0314, 0370, 0426, 0451, 0517,  
0627, 0657, 0762, 0858, 0878,  
0879, 0886, 0906, 1033, 1040,  
1049, 1124, 1194, 1199, 1200,  
1220, 1225, 1266, 1286, 1405,  
1486, 1613, 1738, 2042

SUMMARIES-Tropopause:Height:Summaries  
0757

SUMMARIES-Troposphere:Relative Humidity:  
Summaries 1712

SUMMARIES-Upper Air:Aircraft Icing:Summar-  
ies 0757

SUMMARIES-Upper Air:Humidity:Summaries  
0597, 0757, 0915

SUMMARIES-Upper Air:Pressurc:Summaries  
0915

SUMMARIES-Upper Air:Pressure/Height:Summar-  
ies 0757, 1122

SUMMARIES-Upper Air:Summaries 0497

SUMMARIES-Upper Air:Temperature:Summaries  
0597, 0757, 0915, 0927, 0943,  
1208, 1358

SUMMARIES-Upper Air:Winds:Summaries  
0308, 0475, 0637, 0675, 0757,  
0977, 0978, 1085, 1179, 1276,  
1400, 1654, 1671, 1797

SUMMARIES-Vapor Pressure:Summaries  
0271, 0453, 0615

SUMMARIES-Visibility:Fog:Summaries  
0437

SUMMARIES-Visibility:Haze:Summaries  
0437

SUMMARIES-Visibility:Summaries 0547,  
0553, 1107, 2251

SUMMARIES-Water Vapor:Summaries 1676,  
1677, 1965

SUMMARIES-Water Vapor Pressure:Summaries  
1045

SUMMARIES-Waterspouts:Refractive Index:  
Summaries 1507

SUMMARIES-Waterspouts:Summaries 1505

SUMMARIES-Waterspouts:Temperature:Summar-  
ies 1507

SUMMARIES-Waterspouts:Winds:Summaries  
1908

SUMMARIES-Weather Systems:Summaries  
1502

SUMMARIES-Wet Bulb Temperature:Summaries  
0110, 1158, 2613

# METECROLOGY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Winds:Gales:Summaries 0273,  
0386

SUMMARIES-Winds:Jet Stream:Summaries  
0935

SUMMARIES-Winds:Northers:Summaries 0206,  
0391

SUMMARIES-Winds:Observations:Summaries  
1413

SUMMARIES-Winds:Shear:Summaries 1179

SUMMARIES-Winds:Summaries 0086, 0095,  
0110, 0129, 0186, 0194, 0209,  
0237, 0276, 0318, 0380, 0384,  
0412, 0453, 0459, 0486, 0546,  
0547, 0553, 0563, 0585, 0592,  
0603, 0615, 0688, 0689, 0740,  
0817, 0830, 0844, 0906, 0939,  
1070, 1158, 1203, 1225, 1314,  
1530, 1569, 1606, 1611, 1618,  
1619, 1620, 1648, 1669, 1745,  
1749, 1750, 1751, 1752, 1753,  
1754, 1809, 1894, 1895, 1896,  
1897, 1898, 1899, 2000, 2115,  
2144, 2239, 2251, 2252, 2420,  
2568, 2613, 2670, 2920

SUMMARIES-Winds:Ve. cities:Summaries  
0219

SYNOPTIC CHARTS-Hurricanes:Movement:Synop-  
tic Charts 0947

TABLES-Hurricanes:Precipitation:Tables  
0727, 1052

TABLES-Hurricanes:Winds:Tables 0452

TABLES-Observations:Tables 0424

TABLES-Pressure:Altimeter Calibration:  
Tables 0362

TABLES-Temperature:Tables 0422

TABLES-Upper Air:Observations:Tables  
0298, 0424

TABLES-Upper Air:Winds:Tables 1008

TEXTBOOKS-Climatology:Textbooks 0242,  
1487

TEXTBOOKS-Hurricanes:Textbooks 0623

TEXTBOOKS-Textbooks 0456

WARNINGS-Frost:Warnings:Services 1095

WARNINGS-Hurricanes:Warnings 0334,  
0452, 0584, 0680, 0855, 0856,  
1126, 1128, 1204, 1205, 1267,  
1395, 2326

WARNINGS-Hurricanes:Warnings:Evaluation  
0818, 1123, 1200, 1378

WARNINGS-Hurricanes:Warnings:Requirements  
0359

WARNINGS-Hurricanes:Warnings:Services  
0278, 0651, 0739, 0764, 0885,  
0876, 1147, 1706, 1805, 1831,  
1999

WARNINGS-Hurricanes:Warnings:Ship Avoid-  
ance 0103

WARNINGS-Hurricanes:Warnings:Unmanned  
Stations 1255

## AGENTS-Aircraft,Analog,Anemometers,etc.

AIRCRAFT-Aerosols:Observations:Aircraft  
1871

AIRCRAFT-Air/Sea Interaction:Observations:  
Aircraft 1821

AIRCRAFT-Chloride:Sampling:Aircraft  
0737

AIRCRAFT-Chloride Particles:Sampling:Air-  
craft 0894

AIRCRAFT-Circulation:Observations:Aircraft  
0899

AIRCRAFT-Clouds:Observations:Aircraft  
0658, 0659, 0718, 0772, 0899,  
1059, 1066, 1209, 1253, 1273,  
1544, 1590, 1659, 2039

AIRCRAFT-Clouds:Particle Collection:Air-  
craft 0715

AIRCRAFT-Clouds:Photography:Aircraft  
0572, 1480, 1681

AIRCRAFT-Condensation Nuclei:Observations:  
Aircraft 1814

AIRCRAFT-Convection Cells:Observations:  
Aircraft 0488

AIRCRAFT-(see next page)

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

- AIRCRAFT-Cumulus:Observations:Aircraft  
0719
- AIRCRAFT-Easterly Waves:Observations:Aircraft  
1483
- AIRCRAFT-Humidity:Observations:Aircraft  
1059
- AIRCRAFT-Hurricanes:Observations:Aircraft  
0399, 0421, 0448, 0513, 0588,  
0750, 0753, 0755, 0774, 0804,  
0816, 0855, 1097, 1163, 1165,  
1217, 1249, 1287, 1371, 1389,  
1408, 1461, 1497, 1516, 1621,  
1661, 1675, 1732, 1781, 1826,  
1827, 1919, 1980
- AIRCRAFT-Hurricanes:Storm Tracking:Aircraft  
0524, 1831, 1867
- AIRCRAFT-Observations:Aircraft 0405,  
1068, 1293, 1885
- AIRCRAFT-Observations:Aircraft:Research  
Programs 1444
- AIRCRAFT-Observations:Instruments:Aircraft  
0996
- AIRCRAFT-Observations:Photography:Aircraft  
1471
- AIRCRAFT-Precipitation:Observations:Aircraft  
0572, 0772
- AIRCRAFT-Precipitation:Sampling:Aircraft  
0516
- AIRCRAFT-Pressure:Observations:Aircraft  
1004
- AIRCRAFT-Radiation:Radiometers:Aircraft  
1071
- AIRCRAFT-Radiometers:Aircraft:Evaluation  
1356
- AIRCRAFT-Temperature:Observations:Aircraft  
1059
- AIRCRAFT-Tropical Cyclones:Observations:  
Aircraft 0434, 1716
- AIRCRAFT-Turbulence:Observations:Aircraft  
0722, 0962, 1646, 1880
- AIRCRAFT-Upper Air:Observations:Aircraft  
0597, 1729
- AIRCRAFT-Waterspouts:Observations:Aircraft  
1854, 1910
- AIRCRAFT-Winds:Observations:Aircraft  
0629, 0693, 1309, 1549, 1660,  
2041
- ALBEDO-Radiation:Albedo:Observations  
1731
- ANALOGS-Climatology:Analog 1042, 1043,  
1044, 1065, 1125, 1138, 1141,  
1719, 1787
- ANALOGS-Climatology:Climates:Analog  
0971, 0974
- ANALOGS-Equatorial Easterlies:Analog  
0484
- ANEMOMETERS-Winds:Observations:Anemometers  
0662
- ANNUAL AVERAGES-Precipitation:Statistical  
Studies:Annual Averages  
0128
- ATMOMETERS-Evapotranspiration:Observations:  
Atmometers 0697
- AVIRAGES-Climatology:Statistical Studies:  
Averages 1583
- AVERAGES-Cloudiness:Statistical Studies:  
Averages 0159
- AVERAGES-Dew Point:Statistical Studies:  
Averages 1393
- AVERAGES-Evaporation:Statistical Studies:  
Averages 0546
- AVERAGES-Observations:Statistical Studies:  
Averages 0437
- AVERAGES-Precipitation:Statistical Studies:  
Averages 0116, 0159, 0162,  
0238, 0613, 1272
- AVERAGES-Pressure:Statistical Studies:  
Averages 0159, 0684
- AVERAGES-Relative Humidity:Statistical  
Studies:Averages 0159, 2027
- AVERAGES-Sunshine:Statistical Studies:  
Averages 0591
- AVERAGES-Temperature:Statistical Studies:  
Averages 1272, 1393, 2206

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

AVERAGES-Trade Winds:Statistical Studies:  
     Averages           0256  
  
 AVERAGES-Water Vapor:Statistical Studies:  
     Averages           0887  
  
 AVERAGES-Winds:Statistical Studies:Averages  
     0159, 0295, 0384, 0437, 0684,  
     0999, 1203, 1262, 1393, 2027  
  
 BALLOONS-Convection:Soundings:Balloons  
     1503  
  
 BALLOONS-Gravity Waves:Observations:Bal-  
     loons       1527  
  
 BALLOONS-hurricanes:Observations:Balloons  
     0441, 0445  
  
 BALLOONS-Radiation:Observations:Balloons  
     1105  
  
 BALLOONS-Solar Flares:Observations:Bal-  
     loons       1226  
  
 BALLOONS-Trade Winds:Observations:Balloons  
     0699, 0787  
  
 BALLOONS-Upper Air:Observations:Balloons  
     0478, 0561, 1009  
  
 BALLOONS-Winds:Observations:Balloons  
     1525  
  
 BAROCLINIC MODELS-Atmosphere:Baroclinic  
     Models       1401  
  
 BAROCLINIC MODELS-Forecasting:Baroclinic  
     Models       1914  
  
 BAROGRAPHS-Hurricanes:Pressure:Barographs  
     0284  
  
 BAROTROPIC MODELS-Hurricanes:Barotropic  
     Models       0938, 1969  
  
 BIMETALLIC ACTINOGRAPHS-Radiation:Instru-  
     ments:Bimetallic Actino-  
     graphs       1116  
  
 BUDGETS-Air/Sea Interaction:Energy:Budgets  
     1934  
  
 BUDGETS-Easterly Waves:Energy:Budgets  
     1493  
  
 BUDGETS-Energy:Air/Sea Interaction:Budgets  
     1142

BUDGETS-Energy:Heating:Budgets       1478  
  
 BUDGETS-Hurricanes:Air Masses:Budgets  
     1249  
  
 BUDGETS-Hurricanes:Energy:Budgets   1778  
  
 BUDGETS-Hurricanes:Energy Exchange:Budget  
     1249  
  
 BUDGETS-Hurricanes:Moisture:Budgets  
     1249, 1778  
  
 BUDGETS-Hurricanes:Momentum:Budgets  
     1778  
  
 BUDGETS-Kinetic Energy:Budgets       1021  
  
 BUDGETS-Moisture:Budgets       1002, 1682  
  
 BUDGETS-Precipitation:Budgets       1477  
  
 BUDGETS-Trade Winds:Heating:Budgets  
     0934  
  
 BUDGETS-Tropical Cyclones:Angular Momentum:  
     Budgets   0925  
  
 BUDGETS-Tropical Cyclones:Energy:Budgets  
     0925  
  
 BUDGETS-Tropical Cyclones:Moisture:Budgets  
     1168  
  
 BUDGETS-Tropical Cyclones:Momentum:Budgets  
     0925  
  
 BUDGETS-Troposphere:Energy:Budgets  
     1636, 1917  
  
 BUDGETS-Troposphere:Moisture:Budgets  
     1917  
  
 BUDGETS-Upper Air:Kinetic Energy:Budgets  
     1777  
  
 BUDGETS-Upper Air:Water Vapor:Budgets  
     1351  
  
 BUDGETS-Water Vapor:Budgets   1678, 2528  
  
 BUDGETS-Water Vapor:Transport:Budgets  
     1817  
  
 BUDGETS-Winds:Vorticity:Budgets   1958,  
     1966  
  
 BUOYS-Observations:Buoy(NOMAD)   1665,  
     1666  
  
 BUOYS-(see next page)

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

BUOYS-Relative Humidity:Observations:Buoy  
(NOMAD) 1939

C BAND RADAR-Haze:Scattering:C Band Radar  
1740

CHLORIDE POTENTIOMETERS-Chloride Potentic-  
meters(Leeds and  
Northrup) 1102

CLIMATES-Climatology:Climates 0033

CLIMATES-Climatology:Climates:Analog  
0971, 0974

CLIMATES-Climatology:Climates:Bibliogra-  
phies 0831, 0832, 0849, 0850,  
0851, 0852, 0853, 0862, 0863,  
0864, 0936, 0989, 1227, 1330,  
1468, 1584, 1680, 1711

CLIMATES-Climatology:Climates:Building  
Design 1742

CLIMATES-Climatology:Climates:Charts  
0312, 0317

CLIMATES-Climatology:Climates:Classifica-  
tion 0371, 0453, 0602, 0653,  
0872, 0976, 1131, 1280, 1452,  
1477, 1481, 1746, 1823, 1994

CLIMATES-Climatology:Climates:Description  
0002, 0006, 0012, 0013, 0014,  
0020, 0029, 0061, 0066, 0088,  
0090, 0091, 0092, 0129, 0131,  
0137, 0152, 0154, 0161, 0186,  
0211, 0289, 0306, 0318, 0360,  
0361, 0367, 0373, 0377, 0383,  
0385, 0388, 0403, 0431, 0459,  
0473, 0873

CLIMATES-Climatology:Climates:Drought  
1009, 1289, 1358

CLIMATES-Climates:Climatology:Climates:  
Maps 0354, 0371, 0936, 0976,  
1227

CLIMATES-Climatology:Climates:Moisture  
0587

CLIMATES-Climatology:Climates:Observations  
0089, 0093

CLIMATES-Climatology:Climates:Radar Propa-  
gation 0409

CLIMATES-Climatology:Climates:Shelterbelts  
1773

CLIMATES-Climatology:Climates:Statistical  
Studies 0407

CLIMATES-Climatology:Climates:Summaries  
0080, 0094, 0191, 0203, 0235,  
0237, 0271, 0273, 0275, 0295,  
0515, 0558, 0665, 0829, 0830,  
0888, 0906, 0920, 0937, 0953,  
0973, 0976, 0982, 1046, 1085,  
1180, 1225, 1354, 1442, 1467,  
1487, 1508, 1517, 1547, 1564,  
1674, 1699, 1723, 1790, 1858,  
1900, 1956

CLIMATES-Climatology:Climates:Surface  
Effects 0408

CLIMATES-Climatology:Description 0302

CORRELATIONS-Divergence:Statistical  
Studies:Correlations 1623

CORRELATIONS-Energy:Statistical Studies:  
Correlations 1710

CORRELATIONS-Evapotranspiration:Statistical  
Studies:Correlations 1710

CORRELATIONS-Humidity:Statistical Studies:  
Correlations 1623

CORRELATIONS-Precipitation:Statistical  
Studies:Correlations 1759

CORRELATIONS-Pressure:Statistical Studies:  
Correlations 1623

CORRELATIONS-Solar Activity:Statistical  
Studies:Correlations 1724

CORRELATIONS-Temperature:Statistical  
Studies:Correlations 1623,  
1649

CORRELATIONS-Vorticity:Statistical Studies:  
Correlations 1623

COUNTER TELESCOPES-Cosmic Rays:Observa-  
tions:Counter Telescopes  
0967

CROSS-SECTIONS-Equivalent Potential Temper-  
ature:Cross-Sections  
1504

CROSS-SECTIONS-Hurricanes:Analysis:Cross-  
Sections 0569

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

CROSS-SECTIONS-Hurricanes:Structure:Cross-Sections 0492, 1826, 1827

CROSS-SECTIONS-Mixing Ratio:Cross-Sections 1504

CROSS-SECTIONS-Potential Temperature:Cross-Sections 1504

CROSS-SECTIONS-Trade Winds:Variations:Cross-Sections 0256

CROSS-SECTIONS-Upper Air:Pressure:Cross-Sections 0495

CROSS-SECTIONS-Upper Air:Temperature:Cross-Sections 0495, 0987

CROSS-SECTIONS-Wet Bulb Temperature:Cross-Sections 1504

CROSS-SECTIONS-Winds:Cross-Sections:Analysis 0704

DECAY RATES-Hurricanes:Dissipation:Decay Rates 0569

DEGREE DAYS-Radiation:Degree Days 0869

DEW BLOCKS-Dew:Observations:Dew Blocks (Duudovani) 1440

DEW RECORDERS-Dew:Observations:Dew Recorders(Pickering) 0140

DIMENSIONS-Clouds:Dimensions 1060

DIRECTION-Winds:Direction:Synoptic Analysis 1134

DRAW COEFFICIENTS-Hurricanes:Drag Coefficients:Computation 1214

DROPSONDES-Pressure:Observations:Dropsondes 1412

DRY ICE-Precipitation:Rainmaking:Dry Ice 0604, 0608

DURATIONS-Thunderstorms:Statistical Studies:Durations 0116

EQUATIONS-Radiation:Cooling:Equations 1772

EQUATIONS-Temperature:Forecasting:Equations 1772

EQUATIONS OF MOTION-Hurricanes:Winds:Equations of Motion 0682

EQUIPMENT-Broadcasts:Television:Equipment 1928

EQUIPMENT-Seeding:Equipment(Cyclops) 1323

EVAPOTRANSPIROMETERS-Evapotranspirometers:Evaluation 0687

EXTREMES-Temperatures:Extremes:Summaries 0579

FORMULA-Evapotranspiration:Computation:Formula 0560

FREQUENCIES-Cloudiness:Statistical Studies:Frequencies 0385, 1640

FREQUENCIES-Clouds:Statistical Studies:Frequencies 0033, 1104, 1223

FREQUENCIES-Fog:Statistical Studies:Frequencies 0273

FREQUENCIES-Hail:Statistical Studies:Frequencies 1625

FREQUENCIES-Hurricanes:Forecasting:Frequencies 1724

FREQUENCIES-Hurricanes:Statistical Studies:Frequencies 0138, 0228, 0239, 0247, 0249, 0269, 0487, 0490, 0631, 0763, 0855, 0856, 0884, 0909, 0931, 0950, 0951, 1074, 1219, 1359, 1495, 1552, 1626, 1668, 1762, 1836

FREQUENCIES-Lightning:Statistical Studies:Frequencies 0032

FREQUENCIES-Northerns:Statistical Studies:Frequencies 0647, 0716

FREQUENCIES-Precipitable Water:Statistical Studies:Frequencies 1538

FREQUENCIES-Precipitation:Statistical Studies:Frequencies 0173, 0437, 0552, 0615, 1009, 1117, 1534, 1546, 1581, 1582, 1640, 1788, 1911, 1921

FREQUENCIES-(see next page)

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

FREQUENCIES-Refractive Index:Statistical  
Studies:Frequencies 1154

FREQUENCIES-Thunderstorms:Statistical  
Studies:Frequencies 0116,  
0162, 0273, 0437, 0557

FREQUENCIES-Tornadoes:Statistical Studies:  
Frequencies 0557

FREQUENCIES-Tropical Cyclones:Statistical  
Studies:Frequencies 0040,  
0074, 0230, 0285, 0884,  
0939, 1198, 1235, 1486,  
1524, 1537

FREQUENCIES-Winds:Statistical Studies:  
Frequencies 0206, 0271,  
0428, 0475, 0547, 1178,  
1640

FROST-POINT HYGROMETERS-Water Vapor:Obser-  
vations:Frost-  
Point hygrometers  
1940

HEIGHTS-Clouds:Cirrus:Heights 1114

HEIGHTS-Pressure:Isobaric Surfaces:Heights  
1088

HEIGHTS-Tropopause:Heights:Summaries  
0757

INSTRUMENTS-Instruments:Description  
1517

INSTRUMENTS-Observations:Instruments  
0093, 2502

INSTRUMENTS-Observations:Instruments:Air-  
craft 0996

INSTRUMENTS-Radiation:Instruments:Bimetal-  
lic Actinographs 1116

INTENSITY INDEXES-Tropical Cyclones:Inten-  
sity Indexes 0992

INTERFEROMETERS-Ionosphere:Observations:  
Interferometers 1221

IRRIGATION MAPS-Precipitation:Statistical  
Studies:Irrigation Maps  
0318

ISALLOBARS-Pressure:Isallobars:Analysis  
0395

ISOBARIC SURFACES-Pressure:Isobaric Sur-  
faces:Heights 1088

ISOHYETS-Hurricanes:Precipitation:Isohyets  
0138, 0754

ISOHYETS-Precipitation:Intensity:Isohyets  
0613

ISOHYETS-Precipitation:Isohyets:Charts  
0842

ISOHYETS-Precipitation:Isohyets:Maps  
0288

ISOTACHS-Hurricanes:Winds:Isotachs  
1151

ISOTACHS-Winds:Analysis:Isotachs 0229

KITES-Observations:Kites 0130

KITES-Temperature:Observations:Kites  
0227

LASERS-Atmosphere:Scattering:Lasers  
1610

LASERS-Upper Air:Scattering:Lasers  
1789

LASERSONDES-Density:Observations:Laser-  
sondes 1877

LONG PERIOD-Trade Winds:Variations:Long  
Period 0136

MEANS-Atmosphere:Statistical Studies:Means  
0630, 0915

MEANS-Circulation:Statistical Studies:  
Means 0919, 0924, 1054

MEANS-Climatology:Statistical Studies:  
Means 0394

MEANS-Cloudiness:Statistical Studies:Means  
0205, 0406, 1381

MEANS-Clouds:Statistical Studies:Means  
0186

MEANS-Dew Point:Statistical Studies:Means  
1381

MEANS-Evaporation:Statistical Studies:  
Means 0232, 0914

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

MEANS-Fog:Statistical Studies:Means  
0385

MEANS-Heating:Statistical Studies:Means  
1478

MEANS-Humidity:Statistical Studies:Means  
0191, 1723

MEANS-Hurricanes:Statistical Studies:Means  
0445

MEANS-Lunar Tides:Statistical Studies:  
Means 1637

MEANS-Observations:Statistical Studies:  
Means 0110

MEANS-Potential Temperature:Statistical  
Studies:Means 1931

MEANS-Precipitation:Statistical Studies:  
Means 0081, 0161, 0191, 0209,  
0232, 0235, 0271, 0273, 0279, 0307,  
0319, 0385, 0386, 0388, 0406, 0422,  
0432, 0505, 0602, 0603, 0644, 1070,  
1148, 1394, 1432, 1509, 1723, 1841,  
2027

MEANS-Pressure:Statistical Studies:Means  
0078, 0219, 0271, 0276, 0307, 0357,  
0406, 0453, 0473, 0558, 0593, 0632,  
0677, 1225, 1381, 1700, 2230

MEANS-Pressure/Height:Statistical Studies:  
Means 1056

MEANS-Radiation:Statistical Studies:Means  
1356, 1723

MEANS-Relative Humidity:Statistical Stud-  
ies:Means 0161, 0186, 0386, 0407  
0624

MEANS-Temperature:Statistical Studies:Means  
0086, 0121, 0145, 0161, 0183, 0186,  
0191, 0271, 0273, 0307, 0319, 0367,  
0386, 0388, 0406, 0407, 0422, 0424,  
0431, 0440, 0510, 0552, 0558, 0603,  
0609, 0624, 0632, 0644, 0937, 0987,  
1056, 1148, 1381, 1394, 1537, 1700,  
1723, 2230

MEANS-Thunderstorms:Statistical Studies:  
Means 1640

MEANS-Trade Winds:Statistical Studies:  
Means 0599

MEANS-Upper Air:Statistical Studies:Means  
1005, 1091

MEANS-Vapor Pressure:Statistical Studies:  
Means 0307, 0558

MEANS-Visibility:Statistical Studies:Means  
0385

MEANS-Water Vapor:Statistical Studies:  
Means 1817

MEANS-Water Vapor Pressure:Statistical  
Studies:Means 1045

MEANS-Winds:Statistical Studies:Means  
0152, 0276, 0386, 0406, 0510, 0710,  
1015, 1142, 1381, 1723, 1990

MICROBAROVARIOGRAPHS-Pressure:Observations:  
Microbarovariographs  
0791

MIXING RATIO-Mixing Ratio:Cross Sections  
1504

MIXING RATIO-Mixing Ratio:Summaries  
1654

MODELS-Atmosphere:Barotropy:Models 1401

MODELS-Circulation:Forecasting:Models  
1864

MODELS-Clouds:Cumulus:Models 1983

MODELS-Clouds:Models 1209

MODELS-Clouds:Modification:Models 1159

MODELS-Condensation:Models 1860

MODELS-Easterly Waves:Clouds:Models  
1493

MODELS-Energy:Sensible Heat:Models 1860

MODELS-Forecasting:Barotropy:Models  
2014

MODELS-Heated Island:Models 1902

MODELS-Hurricanes:Circulation:Models  
0871, 1037, 1793

MODELS-Hurricanes:Cyclogenesis:Models  
1604

MODELS-Hurricanes:Energy:Models 1720

MODELS-(see next page)



# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

MODELS-Hurricanes:Instability:Models  
1431

MODELS-Hurricanes:Models 1803

MODELS-Hurricanes:Winds:Models 1015,  
1397, 1532, 2376

MODELS-Models 0427

MODELS-Pressure:Barotropy:Models 1849

MODELS-Radiation:Long Wave:Models 1860

MODELS-Sea Breezes:Models 0791

MODELS-Storms:Models 1069

MODELS-Synoptic Analysis:Models 1505

MODELS-Trade Winds:Circulation:Models  
0890

MODELS-Trade Winds:Entrainment:Models  
0472

MODELS-Trade Winds:Waves:Models 1499

MODELS-Tropical Cyclones:Circulation:  
Models 1426

MODELS-Tropical Cyclones:Cyclogenesis:  
Models 1441, 1445

MODELS-Upper Air:Analysis:Models 1869

MODELS-Winds:Sea Breezes:Models 1935,  
2028

MOTORBOATING-Upper Air:Radiosondes:Motor-  
boating 1476

NEPHOSCOPES-Clouds:Movement:Nephoscopes  
0115

NETWORKS-Hurricanes:Networks:Manuals  
0865

NETWORKS-Hurricanes:Observations:Networks  
0854

NETWORKS-Sferics:Networks:Description  
0504

NETWORKS-Upper Air:Observations:Networks  
1858, 1676

NORMALS-Precipitation:Statistical Studies  
Normals 0580, 0609, 0685

NORMALS-Temperature:Statistical Studies:  
Normals 0132, 0685

OBSERVING STATIONS-Observing Stations  
0339

PARTICLE SIZE-Particle Size:Summaries  
1669

PERCENTILES-Pressure:Statistical Studies:  
Percentiles 1640

PERIODICITIES-Hurricanes:Statistical  
Studies:Periodicities  
0358, 0376

PERIODICITIES-Pressure:Statistical Studies:  
Periodicities 0351

PERSISTENCE-Stream Function:Statistical  
Studies:Persistence 1375

PERSISTENCE-Trade Winds:Convection Cells:  
Persistence 0573

PHOTOMETERS-Aerosols:Observations:Photo-  
meters 0875

PILOT BALLOONS-Observations:Pilot Balloons:  
Services 0368

PROBABILITIES-Hurricanes:Statistical Stud-  
ies:Probabilities 1216

PROBABILITIES-Precipitation:Statistical  
Studies:Probabilities  
0553, 0956, 0968, 1656

PROBABILITIES-Thunderstorms:Statistical  
Studies:Probabilities  
0553

PROBABILITIES-Tropical Cyclones:Statisti-  
cal Studies:Probabilities  
0519, 0534

PROFILES-Hurricanes:Pressure:Profiles  
0022, 0682, 1532

PROFILES-Stratosphere:Temperature:Profiles  
0669

PROFILES-Trade Winds:Analysis:Profiles  
0782

PROFILES-Trade Winds:Dew Point:Profiles  
1476

PROFILES-Trade Winds:Refractive Index:Pro-  
files 1476

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

PROFILES-Tropical Cyclones:Winds:Profiles  
1006

PROFILES-Winds:Observations:Profiles  
1055

PROJECTILES-Winds:Observations:Projectiles  
1806, 1890, 1891, 1892, 1952

PROJECTILES-Winds:Shear:Projectiles  
1671

RADAR-Angels:Observations:Radar 1909

RADAR-Aurora:Observations:Radar 1078

RADAR-Bright Band:Observations:Radar  
1907

RADAR-Clouds:Observations:Radar 1624,  
1644

RADAR-Hurricanes:Eye:Radar 1163

RADAR-Hurricanes:Movement:Radar 1188,  
1271

RADAR-Hurricanes:Observations:Radar  
0477, 0667, 0736, 0807, 0897, 1010,  
1092, 1165, 1185, 1187, 1222, 1236,  
1237, 1240, 1306, 1324, 1325, 1365,  
1446, 1498, 1555, 1556, 1627, 1687,  
1825

RADAR-Hurricanes:Photography:Radar 0511,  
0524

RADAR-Hurricanes:Radar:Research Programs  
1981

RADAR-Hurricanes:Spiral Bands:Radar  
1187, 1258

RADAR-Hurricanes:Storm Tracking:Radar  
0524, 0529, 0570, 0574, 0726, 0816,  
0854, 0897

RADAR-Ionosphere:Observations:Radar  
1437, 1535, 1964, 2018, 2034

RADAR-Observations:Bright Band:Radar  
1686

RADAR-Observations:Radar 0730

RADAR-Observations:Radar:Anomalous Propaga-  
tion 1390

RADAR-(see next column)

RADAR-Observations:Radar:Data Processing  
1240

RADAR-Observations:Radar:Photography  
0736

RADAR-Observations:Radar:Requirements  
1339

RADAR-Observations:Radar:Research Programs  
1944

RADAR-Precipitation:Observations:Radar  
0718, 0719, 0769, 0958, 1230, 1233,  
1240, 1292, 1295, 1379, 1402, 1418,  
1506, 1557, 1558, 1623, 1765, 1926,  
1930

RADAR-Radar:Conferences 1271

RADAR-Radiosondes:Tracking:Radar 0960

RADAR-Rainstorms:Observations:Radar  
1629

RADAR-Storm Tracking:Radar:Photography  
0897

RADAR-Storms:Observations:Radar 0997

RADAR-Thunderstorms:Observations:Radar  
1390, 1585

RADAR-Thunderstorms:Storm Tracking:Radar  
1382

RADAR-Tornadoes:Observations:Radar 1295

RADAR-Tornadoes:Storm Tracking:Radar  
1092, 1446, 1922

RADAR-Tropical Cyclones:Observations:Radar  
0651, 0901

RADAR-Tropical Cyclones:Storm Tracking:  
Radar 0901

RADAR-Water Droplets:Observations:Radar  
1554

RADIO TELESCOPES-Ionosphere:Observations:  
Radio Telescopes 1223, 1591, 1842

RADIOACTIVE TRACERS-Air/Sea Interaction:  
Observations:Radio-  
active Tracers 1971

RADIOACTIVE TRACERS-Energy:Radioactive  
Tracers:Tritium  
1943

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

RADIOMETERS-Hurricanes:Storm Tracking:  
Radiometers 1867

RADIOMETERS-Radiation:Measurements:Radio-  
meters 1356

RADIOMETERS-Radiation:Observations:Radio-  
meters(Suomi-Kuhn) 1316

RADIOMETERS-Radiation:Radiometers:Aircraft  
1071

RADIOMETERS-Radiometers:Aircraft:Evaluation  
1356

RADIOMETERSONDES-Radiation:Observations:  
Radiometersondes 1320,  
1786

RADIOSONDES-Circulation:Observations:Radio-  
sondes 1636

RADIOSONDES-Hurricanes:Observations:Radio-  
sondes 0448, 0496, 0683

RADIOSONDES-Observations:Radiosondes:Anal-  
ysis 0489

RADIOSONDES-Radiation:Solar:Radiosondes  
0468

RADIOSONDES-Radiosondes:Description  
0423

RADIOSONDES-Radiosondes:Tracking 0918

RADIOSONDES-Radiosondes:Tracking:Radar  
0960

RADIOSONDES-Temperature:Observations:Radi-  
osondes 0990

RADIOSONDES-Upper Air:Observations:Radio-  
sondes 0468, 1799

RADIOSONDES-Upper Air:Radiosondes:Motor-  
boating 1476

RAIN GAGES-Precipitation:Observations:Rain  
Gages 0392

RAWIN-Tropical Cyclones:Observations:Rawin  
0434

RAWIN-Upper Air:Observations:Rawin 0414

RAWIN-Winds:Observations:Rawin 1006

RAWINSONDES-(see next column)

RAWINSONDES-Upper Air:Observations:Rawin-  
sondes 0512

REFRACTIVE INDEX-Clouds:Refractive Index:  
Gradients 1154

REFRACTIVE INDEX-Refractive Index:Hail:  
Summaries 1507

REFRACTIVE INDEX-Refractive Index:Statis-  
tical Studies:Frequencies  
1154

REFRACTIVE INDEX-Tornadoes:Refractive  
Index:Summaries 1507

REFRACTIVE INDEX-Trade Winds:Refractive  
Index:Profiles 1476

REFRACTIVE INDEX-Tropical Cyclones:Refrac-  
tive Index:Summaries  
1161

REFRACTIVE INDEX-Upper Air:Refractive  
Index:Analysis 1161

REFRACTIVE INDEX-Waterspouts:Refractive  
Index:Summaries 1507

REFRACTOMETERS-Clouds:Observations:Refrac-  
tometers 0899

RESISTANCE COEFFICIENTS-Winds:Resistance  
Coefficients:Com-  
putation 1055

ROCKETS-Clouds:Observations:Rockets  
1518

ROCKETS-Ionosphere:Observations:Rockets  
1842

ROCKETS-Upper Air:Soundings:Rockets  
1598

ROCKETS-Winds:Observations:Rockets 1801

ROUGHNESS PARAMETERS-Winds:Roughness Para-  
meters:Computation  
1055

SATELLITES-Cloud Streets:Observations:Sat-  
ellites 1250

SATELLITES-Cloudiness:Observations:Satel-  
lites 1231

SATELLITES-Clouds:Observations:Satellites  
1292, 1297, 1346, 1351, 1357,  
1404, 1415, 1416, 1419, 1424,

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

SATELLITES-Clouds:Observations:Satellites  
(Cont.) 1500, 1539, 1571,  
1588, 1590, 1767, 1784, 1862,  
1950

SATELLITES-Clouds:Photography:Satellites  
1409, 1480, 1696, 1712

SATELLITES-Convective Cells:Observations:  
Satellites 1231

SATELLITES-Hurricanes:Observations:Satel-  
lites 1285, 1288, 1291, 1297,  
1305, 1498, 1593, 1721, 1771,  
1779, 1781, 1804, 1844, 1918

SATELLITES-Hurricanes:Photography:Satel-  
lites 1411

SATELLITES-Hurricanes:Storm Tracking:Satel-  
lites 1303, 1319, 1408, 1425,  
1500, 1621

SATELLITES-Intertropical Convergence Zone:  
Observations:Satellites 1596

SATELLITES-Ionosphere:Observations:Satel-  
lites 1768

SATELLITES-Observations:Photography:Satel-  
lites 1471

SATELLITES-Observations:Satellites 1232

SATELLITES-Pollution:Observations:Satel-  
lites 1963

SATELLITES-Radiation:Observations:Satel-  
lites 1153, 1588

SATELLITES-Relative Humidity:Observations:  
Satellites 1839

SATELLITES-Storms:Observations:Satellites  
1231

SATELLITES-Temperature:Observations:Satel-  
lites 1950

SATELLITES-Thunderstorms:Observations:Sat-  
ellites 1584

SATELLITES-Tropical Cyclones:Observations:  
Satellites 1296, 1319, 1363,  
1984

SATELLITES-Tropical Cyclones:Storm Track-  
ing:Satellites 1984, 1987

SEISMOGRAPHS-Tropical Cyclones:Storm  
Tracking:Seismographs 0457

SFERICS-Sferics:Networks:Description  
0504

SFERICS-Sferics:Statistical Studies:Cor-  
relations 0504

SFERICS-Tropical Cyclones:Movement:Sferics  
0326

SFERICS-Tropical Cyclones:Storm Tracking:  
Sferics 0379

SHIPS-Hail:Observations:Ships 0375

SHIPS-Hurricanes:Hazards:Ships 0026

SHIPS-Pressure:Observations:Ships 0260

SHIPS-Waterspouts:Observations:Ships  
0281

SHORT DURATION-Storms:Precipitation:Short  
Duration 0727

SILVER IODIDE-Precipitation:Rainmaking:  
Silver Iodide 0604, 0608,  
0611, 0707, 1143, 1160

SKEWNESS-Precipitation:Statistical Studies:  
Skewness 1639

SPACECRAFT-Clouds:Observations:Spacecraft  
2044

SPACECRAFT-Convection:Observations:Space-  
craft 2045

SPACECRAFT-Hurricanes:Observations:Space-  
craft 2036, 2044

SPECTROHELIOMETERS-Solar Radiation:Observa-  
tions:Spectroheliometers  
1035

STABILITY SCALES-Clouds:Convection:Stabil-  
ity Scales 0554

STANDARD DEVIATIONS-Precipitation:Statisti-  
cal Studies:Standard  
Deviations 1509,  
1513

STANDARD DEVIATIONS:Winds:Statistical Stud-  
ies:Standard Deviations  
0523, 1155

STATIONS-Climatology:Stations 1756

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

STATIONS-Observations:Stations 1201,  
1276, 1281

STATIONS-Precipitation:Observations:Sta-  
tions 0548

STATIONS-Upper Air:Observations:Stations  
0533

STREAM FUNCTION-Stream Function:Analysis  
1375

STREAM FUNCTION-Stream Function:Computation  
1851, 2013

STREAM FUNCTION-Stream Function:Statisti-  
cal Studies:Persistence  
1375

STREAM FUNCTION-Winds:Stream Function:Com-  
putation 1793

STREAMLINES-Circulation:Streamlines:Kine-  
matic Analysis 0582

STREAMLINES-Easterly Waves:Streamlines:  
Computation 1182

STREAMLINES-Upper Air:Streamlines:Analysis  
0655

STREAMLINES-Upper Air:Streamlines:Thickness  
Analysis 0668

STREAMLINES-Winds:Analysis:Streamlines  
0929

STREAMLINES-Winds:Streamlines:Analysis  
1026, 1424

STREAMLINES-Winds:Streamlines:Charts  
0523

SUNSHINE RECORDERS-Sunshine Recorders  
(Campbell-Stokes)  
1116

TETHERED BALLOONS-Observations:Tethered  
Balloons 1640

TEXAS TOWERS-Winds:Observations:Texas Tow-  
ers 1314

THERMOMETERS-Clouds:Observations:Thermo-  
meters 0899

TIME CROSS SECTIONS-Winds:Analysis:Time  
Cross Sections 0802

TOWERS-Cosmic Dust:Observations:Towers  
1810

TRACKS-Hurricanes:Movement:Tracks 0155,  
0247, 0555, 0606, 0648, 0671,  
0674, 0743, 0768, 0785, 0786,  
0787, 0794, 0798, 0800, 0807,  
0855, 0856, 0858, 0866, 0871,  
0901, 0909, 0921, 0926, 0928,  
0942, 0979, 0991, 1031, 1074,  
1101, 1129, 1169, 1218, 1219,  
1288, 1305, 1307, 1322, 1336,  
1359, 1384, 1405, 1456, 1462,  
1466, 1488, 1516, 1519, 1578,  
1597, 1651, 1787, 1834, 1852,  
1853, 2046, 2053, 2520

TRACKS-Tropical Cyclones:Movement:Tracks  
0618, 0644, 0948, 0975, 1020,  
1486, 1537, 1613, 1794, 2171

TRACKS-Waterspouts:Movement:Tracks 1854

TRIPARTITE RECEIVERS-Ionosphere:Observa-  
tions:Tripartite  
Receivers 0958

TROPICAL WHOLE SKY CODE-Clouds:Tropical  
Whole Sky Code  
1115

UNMANNED STATIONS-Hurricanes:Observations:  
Unmanned Stations  
1666

UNMANNED STATIONS-Hurricanes:Observations:  
Unmanned Stations(MAMOS)  
1326

UNMANNED STATIONS-Hurricanes:Warnings:Un-  
manned Stations 1255

UNMANNED STATIONS-Observations:Unmanned  
Stations 1190, 1255,  
1420, 2773, 2889

UNMANNED STATIONS-Observations:Unmanned  
Stations:Evaluation  
1664, 1665

UNMANNED STATIONS-Observations:Unmanned  
Stations(NASA) 1997

UNMANNED STATIONS-Observations:Unmanned  
Stations(NOMAD) 1816

UNMANNED STATIONS-Winds:Observations:Unman-  
ned Stations(NOMAD)  
1939

WARNING CENTERS-(see next page)

# METEOROLOGY SUBJECT INDEX

## AGENTS-(Cont.)

WARNING CENTERS-Hurricanes:Warning Centers  
0513

WATER SPRAY-Precipitation:Rainmaking:Water  
Spray 0749, 0892, 1160

WEATHER STATIONS-Weather Stations:Research  
Programs 1457

WIND ROSES-Winds:Statistical Studies:Wind  
Roses 0380, 0473, 0475, 0523,  
0556, 0593, 1563

## OPERATIONS-Analysis,Classification,etc.

ALTIMETER CALIBRATION-Pressure:Altimeter  
Calibration:Tables  
0362

ANALYSIS-Air Masses:Analysis 0370, 0578,  
0676

ANALYSIS-Analysis 0427, 0442

ANALYSIS-Atmosphere:Refraction:Analysis  
1631

ANALYSIS-Circulation:Analysis 0886

ANALYSIS-Circulation:Analysis:Composite  
Charts 1063

ANALYSIS-Circulation:Perturbations:Analy-  
sis 0583

ANALYSIS-Climatology:Analysis 0578

ANALYSIS-Clouds:Analysis 1177, 1521

ANALYSIS-Clouds:Circulation:Analysis  
0329

ANALYSIS-Clouds:Temperature:Analysis  
1862, 1863

ANALYSIS-Convection:Instability:Analysis  
1167

ANALYSIS-Density:Analysis 0929

ANALYSIS-Easterly Waves:Analysis 1819

ANALYSIS-Easterly Waves:Clouds:Analysis  
1357, 1812, 1818

ANALYSIS-Easterly Waves:Cyclogenesis:Analy-  
sis 1818

ANALYSIS-Easterly Waves:Precipitation:  
Analysis 0907

ANALYSIS-Easterly Waves:Rainstorms:Analy-  
sis 1812

ANALYSIS-Easterly Waves Winds:Analysis  
1812, 1818

ANALYSIS-Fronts:Analysis 0350

ANALYSIS-Fronts:Cyclogenesis:Analysis  
1419

ANALYSIS-Frost:Analysis 0227

ANALYSIS-Hurricanes:Analysis 0589, 1371

ANALYSIS-Hurricanes:Analysis:Cross-Sections  
0569

ANALYSIS-Hurricanes:Analysis:Research Pro-  
grams 1986

ANALYSIS-Hurricanes:Circulation:Analysis  
0030, 0884, 0919, 0935

ANALYSIS-Hurricanes:Cyclogenesis:Analysis  
0303, 0492, 0495, 0618, 0733, 0766,  
0785, 0792, 0819, 0837, 0855, 0859,  
0995, 1075, 1087, 1245, 1274, 1386,  
1397, 1398, 1548, 1552, 1592, 1609,  
1744, 1747, 1784, 1787, 1918, 2017,  
2020

ANALYSIS-Hurricanes:Energy:Analysis 0828

ANALYSIS-Hurricanes:Eye:Analysis 0804,  
1294

ANALYSIS-Hurricanes:Humidity:Analysis  
0495

ANALYSIS-Hurricanes:Intensity:Analysis  
1248

ANALYSIS-Hurricanes:Latent Heat:Analysis  
0908

ANALYSIS-Hurricanes:Movement:Analysis  
0792, 0903, 0995, 1073, 1514,  
1824, 2040

ANALYSIS-Hurricanes:Potential Energy:  
Analysis 1860

ANALYSIS-Hurricanes:Precipitation:Analysis  
0786, 0908

ANALYSIS-Hurricanes:Precipitation Bands:  
Analysis 0477, 0736

# METEOROLOGY SUBJECT INDEX

## OPERATIONS--(Cont.)

ANALYSIS-Hurricanes:Pressure:Analysis  
0495, 1283, 1317, 1494

ANALYSIS-Hurricanes:Structure:Analysis  
0448, 0493, 0567, 0569, 1053,  
1559, 1679, 1793, 1918, 1919

ANALYSIS-Hurricanes:Temperature:Analysis  
0495

ANALYSIS-Hurricanes:Tornadoes:Analysis  
1811

ANALYSIS-Hurricanes:Winds:Analysis 0785,  
0983, 1083, 1274, 1592, 2382

ANALYSIS-Hurricanes:Winds:Synoptic Analysis  
1338

ANALYSIS-Instability Lines:Analysis  
1177

ANALYSIS-Jet Stream:Easterly:Analysis  
0964

ANALYSIS-Northers:Analysis 1177

ANALYSIS-Northers:Winds:Analysis 0382

ANALYSIS-Observations:Radiosondes:Analysis  
0489

ANALYSIS-Ozoneosphere:Circulation:Analysis  
1328

ANALYSIS-Precipitation:Analysis 0502,  
0677, 1311, 1521

ANALYSIS-Precipitation:Variations:Analysis  
1421

ANALYSIS-Pressure:Analysis 0643, 0929

ANALYSIS-Pressure:Cold Low:Analysis  
1730

ANALYSIS-Pressure:Isallobars:Analysis  
0395

ANALYSIS-Radiation:Solar:Analysis 1840

ANALYSIS-Rainstorms:Flooding:Analysis  
1673

ANALYSIS-Refractivity:Attenuation:Analysis  
1930

ANALYSIS-Relative Humidity:Analysis  
1375

ANALYSIS-Steam Fog:Analysis 1331

ANALYSIS-Storms:Cyclogenesis:Analysis  
1571

ANALYSIS-Storms:Precipitation:Analysis  
0507, 1176, 1195

ANALYSIS-Storms:Temperature:Analysis  
1176, 1195

ANALYSIS-Storms:Winds:Analysis 1176,  
1195

ANALYSIS-Stratosphere:Pressure:Analysis  
1086

ANALYSIS-Stratosphere:Winds:Analysis  
1086, 1247

ANALYSIS-Stream Function:Analysis 1375

ANALYSIS-Temperature:Analysis 1631

ANALYSIS-Thunderstorms:Analysis 1177

ANALYSIS-Thunderstorms:Circulation:Analy-  
sis 1245

ANALYSIS-Tornadoes:Analysis 0028

ANALYSIS-Tornadoes:Cyclogenesis:Analysis  
1092

ANALYSIS-Trade Winds:Analysis 0846

ANALYSIS-Trade Winds:Precipitation:Analy-  
sis 1211

ANALYSIS-Tropical Cyclones:Analysis  
0410, 0411, 0557, 0689

ANALYSIS-Tropical Cyclones:Circulation:  
Analysis 0021, 1830, 1987

ANALYSIS-Tropical Cyclones:Cyclogenesis:  
Analysis 0038, 0314, 0577, 0667,  
1166, 1167, 1252, 1393, 1401, 1466,  
1785, 1800, 1819, 1856, 1970

ANALYSIS-Tropical Cyclones:Intensity:Analy-  
sis 0800

ANALYSIS-Tropical Cyclones:Movement:Analysis  
1000

ANALYSIS-Tropical Cyclones:Precipitation:  
Analysis 1728

ANALYSIS-Tropical Cyclones:Structure:Anal-  
ysis 1561

# METEOROLOGY SUBJECT INDEX

## OPERATIONS--(Cont.)

ANALYSIS-Tropical Cyclones:Winds:Analysis  
1151, 1303

ANALYSIS-Upper Air:Analysis 0395,  
2013

ANALYSIS-Upper Air:Analysis:Models  
1869

ANALYSIS-Upper Air:Circulation:Analysis  
1290, 1300

ANALYSIS-Upper Air:Cyclonic Circulation:  
Analysis 1246

ANALYSIS-Upper Air:Instability:Analysis  
0492

ANALYSIS-Upper Air:Pressure:Analysis  
0450

ANALYSIS-Upper Air:Pressure/Height:Analy-  
sis 1650

ANALYSIS-Upper Air:Refractive Index:Analy-  
sis 1161

ANALYSIS-Upper Air:Relative Humidity:Analy-  
sis 1357

ANALYSIS-Upper Air:Streamlines:Analysis  
0655

ANALYSIS-Upper Air:Thickness:Anomalies:  
Analysis 1487

ANALYSIS-Upper Air:Winds:Analysis 0342,  
0618, 0668, 0781, 0804, 1463,  
1975

ANALYSIS-Waterspouts:Analysis 0028

ANALYSIS-Winds:Analysis 0270, 0654,  
0977, 1177, 2014

ANALYSIS-Winds:Analysis:Cross-Sections  
0704

ANALYSIS-Winds:Analysis:Data Processing  
1799

ANALYSIS-Winds:Analysis:Diagrams 0929

ANALYSIS-Winds:Analysis:Streamlines  
0929

ANALYSIS-Winds:Analysis:Time Cross-Sections  
001

ANALYSIS-Winds:Convergence:Analysis  
1915

ANALYSIS-Winds:Divergence:Analysis  
1375

ANALYSIS-Winds:Dusts:Analysis 1880

ANALYSIS-Winds:Instability:Analysis  
1292, 1367

ANALYSIS-Winds:Jet Stream:Analysis 0064

ANALYSIS-Winds:Sea Breezes:Analysis  
0180

ANALYSIS-Winds:Shear:Analysis 1970

ANALYSIS-Winds:Streamlines:Analysis  
1306, 1404

ANALYSIS-Winds:Subsidence:Analysis 1915

ANALYSIS-Winds:Surface:Analysis 0429

ANALYSIS-Winds:Surface Stress:Analysis  
0545, 0715

CLASSIFICATION-Air Masses:Classification  
1107

CLASSIFICATION-Climatology:Classification  
0341, 1735

CLASSIFICATION-Climatology:Classification:  
Maps 0305, 1354

CLASSIFICATION-Climatology:Climates:Classi-  
fication 0333, 0371,  
0453, 0602, 0653, 0672,  
0975, 1131, 1350, 1452,  
1477, 1481, 1786, 1823,  
1994

CLASSIFICATION-Clouds:Observations:Classi-  
fication 1539

CLASSIFICATION-Easterly Waves:Clouds:Clas-  
sification 1434

CLASSIFICATION-Forecasting:Evaluation:  
Classification 0984

CLASSIFICATION-Hurricanes:Classification  
0713, 0913, 0931, 1107,  
1431

CLASSIFICATION-Hurricanes:Classification:  
Summaries 2046

CLASSIFICATION--(see next page)



# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

CLASSIFICATION-Hurricanes:Damage:Classification 2008

CLASSIFICATION-Hurricanes:Intensity:Classification 1329

CLASSIFICATION-Hurricanes:Movement:Classification 1771, 1973, 1974, 1975

CLASSIFICATION-Hurricanes:Precipitation:Classification 0940, 1974, 1975

CLASSIFICATION-Hurricanes:Surface Effects:Classification 2383

CLASSIFICATION-Hurricanes:Winds:Classification 0239, 2714

CLASSIFICATION-Northers:Classification 0647

CLASSIFICATION-Precipitation:Classification 1782

CLASSIFICATION-Precipitation:Proplets:Classification 1233

CLASSIFICATION-Precipitation:Statistical Studies:Classification 1528

CLASSIFICATION-Tornadoes:Classification 0676

CLASSIFICATION-Tropical Cyclones:Classification 1119, 1537

CLASSIFICATION-Tropical Cyclones:Intensity:Classification 0557, 0659

CLIMATOLOGY-Climatology:Analog 1042, 1043, 1044, 1065, 1125, 1126, 1141, 1719, 1787

CLIMATOLOGY-Climatology:Analysis 0578

CLIMATOLOGY-Climatology:Atlases 0312, 0317, 0319, 0404, 0757

CLIMATOLOGY-Climatology:Bibliographies 0041, 0174, 1054, 1257, 1340, 1341, 1342, 1343

CLIMATOLOGY-Climatology:Bulletins 0401, 1336

CLIMATOLOGY-Climatology:Classification 0341, 1735

CLIMATOLOGY-Climatology:Classification:Maps 0325, 0354

CLIMATOLOGY-Climatology:Climates 0033

CLIMATOLOGY-Climatology:Climates:Analog 0971, 0974

CLIMATOLOGY-Climatology:Climates:Bibliographies 0808, 0831, 0832, 0849, 0850, 0851, 0852, 0853, 0862, 0863, 0864, 0936, 0989, 1227, 1331, 1468, 1584, 1680 2711

CLIMATOLOGY-Climatology:Climates:Building Design 1742

CLIMATOLOGY-Climatology:Climates:Charts 0312, 0317

CLIMATOLOGY-Climatology:Climates:Classification 0323, 0371, 0453, 0502, 0553, 0572, 0976, 1131, 1280, 1452, 1477, 1481, 1746, 1823, 1994

CLIMATOLOGY-Climatology:Climates:Description 0002, 0006, 0012, 0013, 0014, 0020, 0029, 0061, 0066, 0083, 0090, 0091, 0092, 0120, 0131, 0137, 0152, 0154, 0161, 0186, 0211, 0289, 0302, 0376, 0318, 0360, 0361, 0367, 0373, 0377, 0383, 0385, 0388, 0403, 0431, 0459, 0473, 0473

CLIMATOLOGY-Climatology:Climates:Drought 1009, 1269, 1358

CLIMATOLOGY-Climatology:Climates:Maps 0354, 0371, 0936, 0976, 1227

CLIMATOLOGY-Climatology:Climates:Moisture 0557

CLIMATOLOGY-Climatology:Climates:Observations 0089, 0093

CLIMATOLOGY-Climatology:Climates:Radar Propagation 0409

CLIMATOLOGY-Climatology:Climates:Shelter-belts 1773

CLIMATOLOGY-Climatology:Climates:Statistical Studies 0407

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

CLIMATOLOGY-Climatology:Climates:Summaries  
0086, 0094, 0191, 0203, 0235,  
0237, 0271, 0273, 0275, 0295,  
0515, 0558, 0665, 0829, 0830,  
0888, 0906, 0920, 0937, 0953,  
0973, 0976, 0982, 1046, 1085,  
1180, 1225, 1354, 1442, 1467,  
1487, 1508, 1517, 1547, 1564,  
1674, 1699, 1723, 1790, 1858,  
1900, 1956

CLIMATOLOGY-Climatology:Climates:Surface  
Effects 0408

CLIMATOLOGY-Climatology:Conferences  
1734

CLIMATOLOGY-Climatology:Description  
0108, 0122, 0387, 0444, 0447

CLIMATOLOGY-Climatology:Drought:Summaries  
1725, 1996

CLIMATOLOGY-Climatology:Education 0905

CLIMATOLOGY-Climatology:Maps 0325, 0332,  
1343

CLIMATOLOGY-Climatology:Observations  
0160

CLIMATOLOGY-Climatology:Observations:Sta-  
tistical Studies 1213

CLIMATOLOGY-Climatology:Observations:Sum-  
maries 0374, 0389, 0988

CLIMATOLOGY-Climatology:Research Programs  
1354, 1748, 1756, 1769, 1815,  
1843, 1901, 2001, 2063

CLIMATOLOGY-Climatology:Services 1532

CLIMATOLOGY-Climatology:Stations 1756

CLIMATOLOGY-Climatology:Statistical Stud-  
ies 0665

CLIMATOLOGY-Climatology:Statistical Stud-  
ies:Averages 1583

CLIMATOLOGY-Climatology:Statistical Stud-  
ies:Means 0394

CLIMATOLOGY-Climatology:Statistical Stud-  
ies:Summaries 0390

CLIMATOLOGY-Climatology:Summaries 0141,  
0159, 0179, 0182, 0192, 0194,  
0197, 0209, 0219, 0221, 0238,  
0276, 0286, 0291, 0301, 0316,  
0331, 0353, 0366, 0367, 0382,  
0386, 0394, 0403, 0436, 0440,  
0453, 0455, 0473, 0476, 0480,  
0482, 0486, 0494, 0501, 0503,  
0510, 0527, 0535, 0543, 0544,  
0547, 0548, 0552, 0553, 0579,  
0580, 0585, 0591, 0593, 0598,  
0602, 0603, 0609, 0614, 0615,  
0616, 0620, 0623, 0624, 0625,  
0632, 0636, 0644, 0657, 0663,  
0684, 0688, 0697, 0740, 0757,  
0767, 0775, 0895, 0923, 1002,  
1020, 1034, 1070, 1081, 1152,  
1158, 1164, 1178, 1181, 1199,  
1272, 1276, 1360, 1361, 1381,  
1394, 1413, 1423, 1454, 1464,  
1505, 1540, 1553, 1569, 1575,  
1579, 1580, 1599, 1618, 1619,  
1620, 1640, 1663, 1700, 1707,  
1715, 1719, 1737, 1745, 1746,  
1749, 1750, 1751, 1752, 1753,  
1754, 1766, 1767, 1809, 1822,  
1841, 1859, 1883, 1894, 1895,  
1896, 1897, 1898, 1899, 1913,  
1961, 1976, 1994, 1998, 2000,  
2027, 2062, 2094, 2373, 2405,  
2615

CLIMATOLOGY-Climatology:Surface Effects:  
Volcanism 0412

CLIMATOLOGY-Climatology:Temperature:Inver-  
sion 0990

CLIMATOLOGY-Climatology:Textbooks 0242,  
1487

CLOUD PHYSICS-Cloud Physics:Research  
0783

CODING-Observations:Coding 0156, 0458,  
0944

COMPOSITE ANALYSIS-Upper Air:Composite  
Analysis 1511

COMPUTATION-Circulation:Convergence:Compu-  
tation 0536

COMPUTATION-Circulation:Divergence:Compu-  
tation 0536

COMPUTATION-Circulation:Vorticity:Compu-  
tation 1256

COMPUTATION-Computation:Services 1309

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

COMPUTATION-Easterly Waves:Circulation:  
Computation 1434

COMPUTATION-Easterly Waves:Energy:Compu-  
tation 1483

COMPUTATION-Easterly Waves:Latent Heat:  
Computation 1483

COMPUTATION-Easterly Waves:Sensible Heat:  
Computation 1483

COMPUTATION-Easterly Waves:Streamlines:  
Computation 1182

COMPUTATION-Energy:Heat Exchange:Compu-  
tation 1139

COMPUTATION-Energy:Latent Heat:Computation  
1501

COMPUTATION-Energy:Sensible Heat:Compu-  
tation 1501

COMPUTATION-Evapotranspiration:Computation:  
Formula 0560

COMPUTATION-Geopotential Heights:Compu-  
tation 1851, 2013

COMPUTATION-Humidity:Balance:Computation  
0587

COMPUTATION-Hurricanes:Clouds:Computation  
1593

COMPUTATION-Hurricanes:Drag Coefficients:  
Computation 1214

COMPUTATION-Hurricanes:Energy Exchange:  
Computation 1080

COMPUTATION-Hurricanes:Forecasting:  
Computation 0805

COMPUTATION-Hurricanes:Latent Heat:Compu-  
tation 1014, 1876

COMPUTATION-Hurricanes:Movement:Compu-  
tation 0511

COMPUTATION-Hurricanes:Pressure:Compu-  
tation 1306

COMPUTATION-Hurricanes:Winds:Computation  
1306, 1412

COMPUTATION-Ionosphere:Electron Density  
Computation 1214

COMPUTATION-Ionosphere:Scale Heights:  
Computation 1214

COMPUTATION-Ionosphere:Temperature:Compu-  
tation 1807

COMPUTATION-Moisture:Computation 1996

COMPUTATION-Relative Humidity:Computation  
1851, 2013

COMPUTATION-Stream Function:Computation  
1851, 2013

COMPUTATION-Temperature:Computation  
1851, 2013

COMPUTATION-Troposphere:Heating:Computation  
1869

COMPUTATION-Upper Air:Radiation:Computation  
1786

COMPUTATION-Upper Air:Temperature:Compu-  
tation 1786

COMPUTATION-Water Vapor:Computation  
1153

COMPUTATION-Winds:Computation 1851,  
2013

COMPUTATION-Winds:Divergence:Computation  
1290, 1795, 1851

COMPUTATION-Winds:Eddy Viscosity:Compu-  
tation 0629

COMPUTATION-Winds:Friction Velocity:Compu-  
tation 1055

COMPUTATION-Winds:Resistance Coefficients:  
Computation 1055

COMPUTATION-Winds:Roughness Parameters:  
Computation 1055

COMPUTATION-Winds:Shearing Stress:Compu-  
tation 0629

COMPUTATION-Winds:Stream Function:Compu-  
tation 1798

COMPUTATION-Winds:Surface Stress:Compu-  
tation 1055

COMPUTATION-Winds:Velocity Potential:Compu-  
tation 1798

COMPUTATION-Winds:Vertical:Computation  
1795

COMPUTATION-Winds:Vertical Motion:Compu-  
tation 1851

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

COMPUTATION-Winds:Vorticity:Computation  
1795, 1851

CONTOUR ANALYSIS-Forecasting:Contour Analysis  
0489

CONTOUR ANALYSIS-Hurricanes:Pressure:Contour Analysis  
0729, 0733

CONTOURING-Ionosphere:Winds:Contouring  
1806

CORRELATIONS-Precipitation:Statistical  
Studies:Correlations 0142, 0236

CORRELATIONS-Pressure:Statistical Studies:  
Correlations 0285, 0413

CORRELATIONS-Sferics:Statistical Studies:  
Correlations 0504

CORRELATIONS-Winds:Statistical Studies:  
Correlations 0285

DATA PROCESSING-Data Processing:Services  
1989

DATA PROCESSING-Observations:Data Processing  
0596, 1647, 1648, 1993

DATA PROCESSING-Observations:Radar:Data  
Processing 1240

DATA PROCESSING-Winds:Analysis:Data Processing  
1799

DATA STORAGE-Observations:Data Storage  
1522

DESCRIPTION-Air Masses:Movement:Description  
0303

DESCRIPTION-Air Masses:Polar:Description  
0567

DESCRIPTION-Circulation:Description 0689

DESCRIPTION-Climatology:Climates:Description  
0002, 0006, 0012, 0013,  
0014, 0020, 0029, 0061, 0066,  
0088, 0090, 0091, 0092, 0129,  
0131, 0137, 0152, 0154, 0161,  
0186, 0211, 0289, 0302, 0306,  
0318, 0360, 0361, 0367, 0373,  
0377, 0383, 0385, 0388, 0403,  
0431, 0459, 0473, 0873

DESCRIPTION-Climatology:Description  
0108, 0122, 0387, 0444, 0447

DESCRIPTION-Cloudiness:Statistical Studies:  
Description 0152

DESCRIPTION-Clouds:Description 0586

DESCRIPTION-Clouds:Particle Collection:  
Description 0715

DESCRIPTION-Divergence:Description 0689

DESCRIPTION-Easterly Waves:Description  
0430

DESCRIPTION-Equatorial Fronts:Description  
0514

DESCRIPTION-Fronts:Dissipation:Description  
0311

DESCRIPTION-Hailstorms:Hail:Description  
0123

DESCRIPTION-Hailstorms:Observations:  
Description 0189

DESCRIPTION-Hurricanes:Circulation:Description  
0096

DESCRIPTION-Hurricanes:Cyclogenesis:  
Description 0136, 0378,  
0660, 0871

DESCRIPTION-Hurricanes:Damage:Description  
0025, 0204, 0210, 0452, 0470,  
0617, 0858

DESCRIPTION-Hurricanes:Description 0001,  
0003, 0004, 0005, 0007, 0011,  
0015, 0024, 0057, 0067, 0177,  
0199, 0217, 0254, 0656, 0738,  
0746, 1057, 1541, 1565, 1617,  
1690, 1779, 1781

DESCRIPTION-Hurricanes:Description(Dunn)  
1146

DESCRIPTION-Hurricanes:Description:Lectures  
0075

DESCRIPTION-Hurricanes:Description:Press  
Reports 0233

DESCRIPTION-Hurricanes:Disasters:Description  
0099, 0101, 0102, 0103,  
0104, 0106, 0109, 0114, 0202

DESCRIPTION-Hurricanes:Intensity:Description  
0247, 0253

DESCRIPTION-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

DESCRIPTION-Hurricanes:Movement:Description  
0096, 0264, 0287, 0429,  
0441, 0448, 0452, 0470, 0477,  
0650

DESCRIPTION-Hurricanes:Observations:  
Description 0031, 0035,  
0050, 0054, 0062, 0069, 0070,  
0087, 0093, 0125, 0127, 0134,  
0135, 0143, 0146, 0147, 0149,  
0155, 0163, 0165, 0213, 0218,  
0263, 0277, 0283, 0284, 0364,  
0439, 0441, 0452, 0470, 0493,  
0500, 0691, 0692, 0711

DESCRIPTION-Hurricanes:Pressure:Description  
0441

DESCRIPTION-Hurricanes:Winds:Description  
0257, 0441

DESCRIPTION-Ice:Description 0033

DESCRIPTION-Instruments:Description  
1517

DESCRIPTION-Norther:Description 1331

DESCRIPTION-Observations:Description  
0118, 0139

DESCRIPTION-Polar Fronts:Description  
0430

DESCRIPTION-Precipitation:Mud Rain:Description  
0415

DESCRIPTION-Precipitation:Observations:  
Description 0212, 0443

DESCRIPTION-Precipitation:Statistical  
Studies:Description 0152

DESCRIPTION-Pressure:Description 0033

DESCRIPTION-Radiosondes:Description  
0423

DESCRIPTION-Seas:Description 0289

DESCRIPTION-Sferics:Networks:Description  
0504

DESCRIPTION-Snow:Description 0033

DESCRIPTION-Storms:Description 0045,  
0047, 0169, 0258

DESCRIPTION-(see next column)

DESCRIPTION-Storms:Movement:Description  
0272

DESCRIPTION-Storms:Observations:Description  
0262, 0265, 0270, 0294, 0315,  
0322, 0324, 0365

DESCRIPTION-Storms:Precipitation:Description  
0082

DESCRIPTION-Sunshine:Statistical Studies:  
Description 0152

DESCRIPTION-Temperature:Description  
0033

DESCRIPTION-Temperature:Statistical Studies:  
Description 0152

DESCRIPTION-Tornadoes:Description 0011

DESCRIPTION-Trade Winds:Easterly Waves:  
Description 0567

DESCRIPTION-Trade Winds:Observations:  
Description 0133

DESCRIPTION-Trade Winds:Structure:Description  
0382

DESCRIPTION-Tropical Cyclones:Clouds:  
Description 0557

DESCRIPTION-Tropical Cyclones:Description  
0019, 0051, 0056, 0068, 0093

DESCRIPTION-Tropical Cyclones:Disasters:  
Description 0023

DESCRIPTION-Tropical Cyclones:Eye:Description  
0557

DESCRIPTION-Tropical Cyclones:Movement:  
Description 0449

DESCRIPTION-Tropical Cyclones:Observations:  
Description 0018, 0063,  
0065, 0072, 0074, 0178, 0181,  
0190, 0200, 0252, 0255, 0261,  
0267, 0268, 0304, 0305, 0364

DESCRIPTION-Tropical Cyclones:Temperature:  
Description 0557

DESCRIPTION-Tropical Cyclones:Winds:  
Description 0557

DESCRIPTION-Upper Air:Circulation:Description  
0282

DESCRIPTION-Vorticity:Description 0689

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

DESCRIPTION-Waterspouts:Description  
0011, 0522

DESCRIPTION-Waterspouts:Observations:  
Description 0185, 0225

DESCRIPTION-Winds:Description 0011

DESCRIPTION-Winds:Land Breezes:Description  
0168

DESCRIPTION-Winds:Northers:Description  
0187

DESCRIPTION-Winds:Sea Breezes:Description  
0168

DESCRIPTIVE ANALYSIS-Thunderstorms:  
Descriptive Analysis  
0116

DIFFERENTIAL ANALYSIS-Surface:Winds:Dif-  
ferential Analysis  
1469, 1858

DYNAMIC ANALYSIS-Clouds:Convection:Dynamic  
Analysis 1174, 1191

DYNAMIC ANALYSIS-Hurricanes:Circulation:  
Dynamic Analysis 1037

DYNAMIC ANALYSIS-Hurricanes:Cyclogenesis:  
Dynamic Analysis 1451

DYNAMIC ANALYSIS-Hurricanes:Dynamic Analy-  
sis 1709

DYNAMIC ANALYSIS-Trade Winds:Dynamic Analy-  
sis 0890

DYNAMIC ANALYSIS-Winds:Dynamic Analysis  
0904

DYNAMIC THEORY-Hurricanes:Dynamic Theory  
0030

DYNAMIC THEORY-Tropical Cyclones:Dynamic  
Theory 0074

ENGINEERING-Hurricanes:Engineering:Design  
Data 1496, 1853, 1925, 2012

ENGINEERING-Hurricanes:Engineering:Struc-  
tural Design 0210, 0226

EVALUATION-Clouds:Modification:Evaluation  
0735, 1983

EVALUATION-(see next column)

EVALUATION-Evapotranspirometers:Evaluation  
0687

EVALUATION-Forecasting:Evaluation:Classi-  
fication 0984

EVALUATION-Gulf Stratus:Forecasting:Eval-  
uation 1635

EVALUATION-Hurricanes:Forecasting:Evalua-  
tion 0819, 0984, 1453, 1463,  
1491

EVALUATION-Hurricanes:Modification:Evalua-  
tion 1380, 1385, 1387, 1692

EVALUATION-Hurricanes:Observations:Evalua-  
tion 1425

EVALUATION-Hurricanes:Warnings:Evaluation  
0818, 1123, 1200, 1378

EVALUATION-Observations:Evaluation 1685

EVALUATION-Observations:Unmanned Stations:  
Evaluation 1664, 1665

EVALUATION-Precipitation:Rainmaking:Evalua-  
tion 0681, 0777, 1093, 1094,  
1159, 1241, 1642

EVALUATION-Radiometers:Aircraft:Evaluation  
1356

EVALUATION-Tropical Cyclones:Forecasting:  
Evaluation 1697

EVALUATION-Winds:Forecasting:Evaluation  
1849

EXPEDITIONS-Air/Sea Interaction:Expeditions  
1873

FORECAST STUDIES-Forecast Studies 0756

FORECASTING-Circulation:Advection:Fore-  
casting 1864, 1914

FORECASTING-Circulation:Forecasting:Models  
1864

FORECASTING-Circulation:Movement:Forecast-  
ing 0463

FORECASTING-Clouds:Forecasting 0346

FORECASTING-Clouds:Gulf Stratus:Forecasting  
0523, 0550, 1077, 1120, 1134,  
1161, 1603, 1866

FORECASTING-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS--(Cont.)

FORECASTING-Clouds:Precipitation:Forecast-  
ing 1079

FORECASTING-Drought:Forecasting 0825

FORECASTING-Easterly Waves:Precipitation:  
Forecasting 2011

FORECASTING-Extratropical Cyclones:Cyclo-  
genesis:Forecasting 0502

FORECASTING-Fog:Forecasting 0323, 0346,  
0550, 1261, 1355

FORECASTING-Forecasting 0416, 0427,  
0508

FORECASTING-Forecasting:Aviation:Manuals  
1575

FORECASTING-Forecasting:Aviation:Services  
1633

FORECASTING-Forecasting:Baroclinic Models  
1914

FORECASTING-Forecasting:Barotropy:Models  
2014

FORECASTING-Forecasting:Contour Analysis  
0489

FORECASTING-Forecasting:Education 0788

FORECASTING-Forecasting:Evaluation:Classi-  
fication 0984

FORECASTING-Forecasting:Manuals 1262,  
2061

FORECASTING-Forecasting:Research Programs  
1196

FORECASTING-Forecasting:Services 0544,  
1202, 1263, 1281, 1722

FORECASTING-Frontal Waves:Forecasting  
0502

FORECASTING-Gulf Stratus:Forecasting:  
Evaluation 1685

FORECASTING-Gulf Stratus:Statistical  
Studies:Forecasting 1685

FORECASTING-Hurricanes:Circulation:Fore-  
casting 0674, 0926, 1019

FORECASTING--(see next column)

FORECASTING-Hurricanes:Cloud Streets:Fore-  
casting 1498

FORECASTING-Hurricanes:Cyclogenesis:Fore-  
casting 0017, 0084, 0206,  
0276, 0370, 0376, 0926, 0935,  
0983, 1019, 1025, 1149, 1150,  
1291, 1318, 1472, 2927

FORECASTING-Hurricanes:Forecasting 0004,  
0125, 0155, 0247, 0256, 0460,  
0541, 0567, 0667, 0703, 0854,  
0855, 0950, 1076, 1264, 1279,  
1350, 1805, 2174

FORECASTING-Hurricanes:Forecasting:Biogra-  
phies 0120

FORECASTING-Hurricanes:Forecasting:Compu-  
tation 0805

FORECASTING-Hurricanes:Forecasting:Evacua-  
tion 0584, 1427

FORECASTING-Hurricanes:Forecasting:Evalu-  
ation 0819, 0984, 1453, 1463,  
1491

FORECASTING-Hurricanes:Forecasting:Frequen-  
cies 1724

FORECASTING-Hurricanes:Forecasting:Manuals  
1127

FORECASTING-Hurricanes:Forecasting:Off-  
shore Drilling 0646

FORECASTING-Hurricanes:Forecasting:Service  
0774, 0824

FORECASTING-Hurricanes:Forecasting:Summar-  
ies 0780, 0795

FORECASTING-Hurricanes:Movement:Forecasti  
0036, 0175, 0359, 0395, 0463,  
0562, 0589, 0630, 0631, 0655,  
0721, 0753, 0822, 0838, 0898,  
0933, 0938, 0949, 0983, 0984,  
1027, 1047, 1101, 1112, 1123,  
1132, 1162, 1188, 1294, 1335,  
1453, 1463, 1514, 1533, 1783,  
1303, 1820, 1824, 1887, 1947,  
1969, 2154, 2157, 2699

FORECASTING-Hurricanes:Pressure:Forecast-  
ing 0913

FORECASTING-Hurricanes:Statistical Studie  
Forecasting 0838

FORECASTING--(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS--(Cont.)

FORECASTING-Hurricanes:Temperature:Forecasting 0926

FORECASTING-Hurricanes:Tornadoes:Forecasting 1641, 1684

FORECASTING-Hurricanes:Winds:Forecasting 0036, 0646, 1112

FORECASTING-Instability Waves:Movement:Forecasting 1175

FORECASTING-Intertropical Convergence Zone:Convection:Forecasting 2011

FORECASTING-Northers:Forecasting 1024

FORECASTING-Northers:Winds:Forecasting 0167

FORECASTING-Precipitation:Convection:Forecasting 0382

FORECASTING-Precipitation:Drought:Forecasting 0170

FORECASTING-Precipitation:Flooding:Forecasting 0649, 1069

FORECASTING-Precipitation:Forecasting 0142, 0184, 0290, 0446, 0702, 0751, 0998, 1150, 1266, 1506

FORECASTING-Pressure:Cold Lows:Forecasting 1622

FORECASTING-Pressure:Forecasting 1004, 1032

FORECASTING-Pressure:Lows:Forecasting 0450

FORECASTING-Rainstorms:Forecasting 1629

FORECASTING-Storms:Forecasting 1177, 2236

FORECASTING-Temperature:Forecasting:Equations 1772

FORECASTING-Thunderstorms:Forecasting 0928

FORECASTING--(see next column)

FORECASTING-Trade Winds:Clouds:Forecasting 0845

FORECASTING-Tropical Cyclones:Circulation:Forecasting 0966

FORECASTING-Tropical Cyclones:Cyclogenesis:Forecasting 0382, 0435, 0698, 0847, 1063, 1239, 1299, 1370, 1447, 1470, 1524

FORECASTING-Tropical Cyclones:Forecasting 0040, 0410, 0411, 0434, 0985

FORECASTING-Tropical Cyclones:Forecasting:Evaluation 1697

FORECASTING-Tropical Cyclones:Forecasting:Services 1576, 1702

FORECASTING-Tropical Cyclones:Movement:Forecasting 0199, 0321, 0329, 0418, 0435, 0652, 0664, 0758, 0841, 0861, 1216, 1697, 1785

FORECASTING-Tropical Fronts:Cyclogenesis:Forecasting 0335

FORECASTING-Troposphere:Refractivity:Forecasting 1228

FORECASTING-Upper Air:Barotropy:Forecasting 0811

FORECASTING-Upper Air:Circulation:Forecasting 0652

FORECASTING-Upper Air:Turbulence:Forecasting 1880

FORECASTING-Upper Air:Winds:Forecasting 1259

FORECASTING-Waterspouts:Forecasting 1067

FORECASTING-Winds:Forecasting 0654, 0999

FORECASTING-Winds:Forecasting:Evaluation 1849

FORECASTING-Winds:Sea Breezes:Forecasting 1990

FOURIER ANALYSIS-Precipitation:Statistical Studies:Fourier Analysis 1916

GHOSTROPHIC ANALYSIS-Hurricanes:Winds:Geostrophic Analysis 0683

HARMONIC ANALYSIS--(see next page)



# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

HARMONIC ANALYSIS-Precipitation:Statistical Studies:Harmonic Analysis 1634

HARMONIC ANALYSIS-Pressure:Statistical Studies:Harmonic Analysis 0462

HARMONIC ANALYSIS-Temperature:Statistical Studies:Harmonic Analysis 0462

HEIGHT DETERMINATION-Clouds:Height Determination 1644

ISOTHERM ANALYSIS-Tropical Cyclones:Temperature:Isotherm Analysis 1796

KINEMATIC ANALYSIS-Circulation:Streamlines:Kinematic Analysis 0482

KINEMATIC ANALYSIS-Hurricanes:Winds:Kinematic Analysis 0750

KINEMATIC ANALYSIS-Winds:Vorticity:Kinematic Analysis 0709

MEASUREMENTS-Cosmic Rays:Intensity:Measurements 0771

MEASUREMENTS-Freezing Nuclei:Measurements 1089

MEASUREMENTS-Hurricanes:Pressure:Measurements 0163

MEASUREMENTS-Radiation:Measurements:Radiometers 1356

MEASUREMENTS-Upper Air:Winds:Measurements 0195, 0215, 0216

MESOSCALE ANALYSIS-Instability:Mesoscale Analysis 1506

MESOSCALE ANALYSIS-Precipitation:Mesoscale Analysis 1509, 1632, 1638

MESOSCALE ANALYSIS-Rainstorms:Precipitation:Mesoscale Analysis 1765

MESOSCALE ANALYSIS-(see next column)

MESOSCALE ANALYSIS-Trade Winds:Mesoscale Analysis 1660

MESOSCALE ANALYSIS-Winds:Instability:Mesoscale Analysis 1632, 1909

MESOSCALE ANALYSIS-Winds:Mesoscale Analysis 1506

MESOSCALE ANALYSIS-Winds:Sea Breezes:Mesoscale Analysis 2029

METHODS-Methods 0235

MODIFICATION-Air Masses:Modification 0678, 0679

MODIFICATION-Clouds:Cloud Heights:Modification 1713

MODIFICATION-Clouds:Cumulus:Modification 1691

MODIFICATION-Clouds:Modification:Evaluation 0611, 0735, 1983

MODIFICATION-Clouds:Modification:Models 1159

MODIFICATION-Clouds:Modification:Research Programs 0641, 0892, 1612, 1829

MODIFICATION-Clouds:Modification:Seeding 0509, 0516, 0572, 0592, 0604, 0608, 0611, 0638, 0639, 0640, 0642, 0681, 0707, 0735, 0749, 0769, 0770, 0783, 0815, 0892, 1093, 1143, 1159, 1160, 1270, 1448, 1449, 1490, 1562, 1642, 1681, 1692, 1713, 1743, 1829, 1906, 1983, 2007

MODIFICATION-Clouds:Modification:Summaries 0777

MODIFICATION-Hurricanes:Clouds:Modification 1094, 1562, 1586

MODIFICATION-Hurricanes:Modification:Evaluation 1380, 1385, 1387, 1692

MODIFICATION-Hurricanes:Modification:Nuclear Explosions 1031

MODIFICATION-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

### MODIFICATION-Hurricanes:Modification:

Research 1698, 1717, 1761,  
1828, 1912, 2003, 2007

### MODIFICATION-Hurricanes:Modification:Seed-

ing 1323, 1380, 1385, 1387,  
1389, 1414, 1450, 1661,  
1691, 1698, 1717, 1743,  
1761, 1846, 1906, 1912,  
1937, 1979, 1981

### MODIFICATION-Precipitation:Modification:

Heated Island 1388

### MODIFICATION-Precipitation:Modification:

Seeding 0506, 0509

### MODIFICATION-Winds:Modification 1270

### NAVIGATION-Hurricanes:Navigation:Ship

Avoidance 0059, 0266, 0274,  
0747

### NAVIGATION-Hurricanes:Navigation:Storm

Avoidance 0028

### NEPHANALYSIS-Hurricanes:Clouds:Nephanaly-

sis 1346, 1804

### OBSERVATIONS-Absolute Humidity:Observations

1957

### OBSERVATIONS-Aerosols:Cosmic Dust:Observa-

tions 1810

### OBSERVATIONS-Aerosols:Observations:Air-

craft 1871

### OBSERVATIONS-Aerosols:Observations:Photo-

meters 0875

### OBSERVATIONS-Aerosols:Sea-Salt Particles:

Observations 0875

### OBSERVATIONS-Aerosols:Volcanic Ash:Observa-

tions 1948

### OBSERVATIONS-Airglow:Observations 1726

### OBSERVATIONS-Air/Sea Interaction:Observa-

tions:Aircraft 1821

### OBSERVATIONS-Air/Sea Interaction:Observa-

tions:Radioactive Tracers  
1971

### OBSERVATIONS-Angels:Observations:Radar

1909

### OBSERVATIONS-Atmosphere:Fungus Spores:

Observations 0720

### OBSERVATIONS-Atmosphere:Lunar Tides:Obser-

vations 1637

### OBSERVATIONS-Aurora:Observations 0963

### OBSERVATIONS-Aurora:Observations:Radar

1078

### OBSERVATIONS-Aurora:Observations:Summar-

ies 0891, 0896

### OBSERVATIONS-Bright Band:Observations:

Radar 1907

### OBSERVATIONS-Chloride:Observations 1102

### OBSERVATIONS-Circulation:Observations:Air-

craft 0899

### OBSERVATIONS-Circulation:Observations:

Radiosondes 1636

### OBSERVATIONS-Clear Air:Convection:Obser-

tions 0573

### OBSERVATIONS-Climatology:Climates:Obser-

tions 0089, 0093

### OBSERVATIONS-Climatology:Observations

0160

### OBSERVATIONS-Climatology:Observations:Sta-

tistical Studies 1213

### OBSERVATIONS-Climatology:Observations:

Summaries 0374, 0389, 0988

### OBSERVATIONS-Cloud Streets:Observations:

Satellites 1250

### OBSERVATIONS-Cloudiness:Observations:Satel-

lites 1231

### OBSERVATIONS-Cloudiness:Observations:Ship

Reports 0666

### OBSERVATIONS-Clouds:Cloud Streets:Obser-

tions 1657

### OBSERVATIONS-Clouds:Condensation Nuclei:

Observations 1694

### OBSERVATIONS-Clouds:Cumulus:Observations

1059, 1174, 1209, 1544,  
2039

### OBSERVATIONS-Clouds:Observations:Aircraft

(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Clouds:Observations:Aircraft  
0658, 0659, 0718, 0772, 0899,  
1059, 1066, 1209, 1253, 1273,  
1544, 1590, 1659, 2039

OBSERVATIONS-Clouds:Observations:Classifi-  
cation 1839

OBSERVATIONS-Clouds:Observations:Photo-  
graphy 0635, 0693, 0695,  
0696, 0699, 1115, 1210,  
1515, 1924, 1977

OBSERVATIONS-Clouds:Observations:Radar  
1624, 1644

OBSERVATIONS-Clouds:Observations:Refracto-  
meters 0899

OBSERVATIONS-Clouds:Observations:Rockets  
1518

OBSERVATIONS-Clouds:Observations:Satellites  
1292, 1297, 1346, 1351,  
1357, 1404, 1415, 1416,  
1419, 1424, 1500, 1539,  
1571, 1588, 1590, 1767,  
1784, 1862, 1950

OBSERVATIONS-Clouds:Observations:Ship  
Reports 1480

OBSERVATIONS-Clouds:Observations:Spacecraft  
2044

OBSERVATIONS-Clouds:Observations:Thermo-  
meters 0899

OBSERVATIONS-Clouds:Precipitation:Observa-  
tions 1554

OBSERVATIONS-Clouds:Water Content:Observa-  
tions 1059, 1068, 1079,  
1659

OBSERVATIONS-Clouds:Water Droplets:Obser-  
vations 1554

OBSERVATIONS-Condensation Nuclei:Chloride:  
Observations 1814

OBSERVATIONS-Condensation Nuclei:Observa-  
tions:Aircraft 1814

OBSERVATIONS-Convection:Observations:  
Spacecraft 2045

OBSERVATIONS-Convection Cells:Observations  
Aircraft 0488

OBSERVATIONS-Convective Cells:Observations:  
Satellites 1231

OBSERVATIONS-Cosmic Dust:Observations:Tow-  
ers 1810

OBSERVATIONS-Cosmic Rays:Observations:  
Counter Telescopes 0967

OBSERVATIONS-Cosmic Rays:Observations  
(Skyhook) 1173

OBSERVATIONS-Cumulus:Observations:Aircraft  
0719

OBSERVATIONS-Cumulus:Observations:Photog-  
raphy 0993

OBSERVATIONS-Density:Observations:Laser-  
sondes 1877

OBSERVATIONS-Density:Observations:Summaries  
1413

OBSERVATIONS-Dew:Observations:Dew Blocks  
(Duudovani) 1440

OBSERVATIONS-Dew:Observations:Dew Recorders  
(Pickering) 0140

OBSERVATIONS-Easterlies:Precipitation:  
Observations 1418

OBSERVATIONS-Easterly Waves:Clouds:Obser-  
vations 1066, 1434, 1483,  
1570, 1596, 1721

OBSERVATIONS-Easterly Waves:Observations:  
Aircraft 1483

OBSERVATIONS-Electricity:Potential Gra-  
dients:Observations 1368

OBSERVATIONS-Evapotranspiration:Observa-  
tions:Atmometers 0697

OBSERVATIONS-Fireballs:Observations  
2043

OBSERVATIONS-Fronts:Clouds:Observations  
0420

OBSERVATIONS-Fronts:Precipitation:Observa-  
tions 0420

OBSERVATIONS-Gravity Waves:Observations:  
Balloons 1527

OBSERVATIONS-Hail:Observations 0188

OBSERVATIONS-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Hail:Observations:Photography  
1382

OBSERVATIONS-Hail:Observations:Ships  
0375

OBSERVATIONS-Hailstorms:Observations:De-  
scription 0189

OBSERVATIONS-Halos:Observations 0571

OBSERVATIONS-Haze:Observations:Pilot Re-  
ports 0594

OBSERVATIONS-Humidity:Observations 1183

OBSERVATIONS-Humidity:Observations:Air-  
craft 1059

OBSERVATIONS-Hurricanes:Bright Bands:Obser-  
vations 1237

OBSERVATIONS-Hurricanes:Circulation:Obser-  
vations 0083, 1053

OBSERVATIONS-Hurricanes:Clouds:Observations  
0421, 0822, 1273, 1392,  
1404, 1515, 1784

OBSERVATIONS-Hurricanes:Double Eye:Obser-  
vations 0474, 1236, 1237

OBSERVATIONS-Hurricanes:Eye:Observations  
0496, 0542, 0916, 1321

OBSERVATIONS-Hurricanes:Movement:Obser-  
vations 1251, 1258, 1609

OBSERVATIONS-Hurricanes:Observations  
0022, 0541, 1050, 1072,  
1126, 1128, 1133, 1238,  
1267, 1337, 1395

OBSERVATIONS-Hurricanes:Observations:Air-  
craft 0399, 0421, 0448,  
0513, 0588, 0753, 0755,  
0774, 0804, 0816, 0855,  
1097, 1163, 1165, 1217,  
1249, 1287, 1371, 1389,  
1408, 1461, 1497, 1516,  
1621, 1661, 1675, 1732,  
1781, 1826, 1827, 1919,  
1980

OBSERVATIONS-Hurricanes:Observations:AIREPS  
0776

OBSERVATIONS-Hurricanes:Observations:Bal-  
loons 0441, 0445

## OBSERVATIONS-Hurricanes:Observations:

Description 0031, 0035,  
0050, 0054, 0062, 0069,  
0070, 0087, 0093, 0125,  
0127, 0134, 0135, 0143,  
0146, 0147, 0149, 0155,  
0163, 0165, 0213, 0218,  
0263, 0277, 0283, 0284,  
0364, 0439, 0441, 0452,  
0470, 0493, 0500, 0691,  
0692, 0711

OBSERVATIONS-Hurricanes:Observations:Eval-  
uation 1425

OBSERVATIONS-Hurricanes:Observations:In-  
dexes 0868, 0870, 1051

OBSERVATIONS-Hurricanes:Observations:Net-  
works 0854

OBSERVATIONS-Hurricanes:Observations:Photo-  
graphy 2036

OBSERVATIONS-Hurricanes:Observations:POMARS  
0776

OBSERVATIONS-Hurricanes:Observations:Radar  
0477, 0667, 0736, 0807,  
0897, 1010, 1092, 1165,  
1185, 1187, 1222, 1236,  
1237, 1240, 1306, 1324,  
1325, 1365, 1446, 1498,  
1555, 1556, 1627, 1687,  
1825

OBSERVATIONS-Hurricanes:Observations:Radio-  
sondes 0448, 0496, 0683

OBSERVATIONS-Hurricanes:Observations:Re-  
quirements 0376, 0773,  
0796, 0805, 0816, 0820

OBSERVATIONS-Hurricanes:Observations:Re-  
search Programs 2897

OBSERVATIONS-Hurricanes:Observations:Sat-  
ellites 1285, 1288, 1291,  
1297, 1305, 1498, 1593,  
1721, 1771, 1779, 1781,  
1804, 1844, 1918

OBSERVATIONS-Hurricanes:Observations:Ser-  
vices 0278

OBSERVATIONS-Hurricanes:Observations:Ship  
Logs 0077

OBSERVATIONS-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Hurricanes:Observations:Ship  
Reports 0266, 1007, 1076, 1099,  
1834

OBSERVATIONS-Hurricanes:Observations:Space-  
craft 2036, 2044

OBSERVATIONS-Hurricanes:Observations:Sum-  
maries 0986

OBSERVATIONS-Hurricanes:Observations:Unman-  
ned Stations 1666

OBSERVATIONS-Hurricanes:Observations:Unman-  
ned Stations(MAMOS) 1326

OBSERVATIONS-Hurricanes:Precipitation:Ob-  
servations 0083, 0293,  
0518, 0606, 0617, 0632,  
0688, 0787, 0834, 0916,  
1010, 1133, 1204, 1218,  
1249, 1557, 1558, 1627,  
1686

OBSERVATIONS-Hurricanes:Pressure:Observa-  
tions 0083, 0470, 0518,  
0717, 0743, 0787, 0797,  
0897, 1099, 1204, 1205,  
1218, 1488, 1497, 1645,  
1920

OBSERVATIONS-Hurricanes:Temperature:Obser-  
vations 0916

OBSERVATIONS-Hurricanes:Tornadoes:Observa-  
tions 0935, 1684, 1808

OBSERVATIONS-Hurricanes:Winds:Observations  
0083, 0470, 0518, 0521,  
0606, 0632, 0787, 0797,  
0814, 0983, 1097, 1099,  
1163, 1204, 1205, 1218,  
1329, 1549, 1597, 1732

OBSERVATIONS-Ionosphere:Composition:Obser-  
vations 2034

OBSERVATIONS-Ionosphere:Drift:Observations  
1591

OBSERVATIONS-Ionosphere:Drift Velocity:  
Observations 1221

OBSERVATIONS-Ionosphere:E Layer:Observa-  
tions 1542

OBSERVATIONS-Ionosphere:Electron Density:  
Observations 1600, 1603,  
1605, 1615, 1656, 1936,

OBSERVATIONS-Ionosphere:Electron Density:  
Observations (cont.) 1982

OBSERVATIONS-Ionosphere:Electron Tempera-  
ture:Observations 1603,  
1615, 1727, 1929

OBSERVATIONS-Ionosphere:Electrostatic  
Field:Observations 1212

OBSERVATIONS-Ionosphere:F Layer:Observa-  
tions 1842

OBSERVATIONS-Ionosphere:F Region:Observa-  
tions 1349, 1601, 1603

OBSERVATIONS-Ionosphere:Heating:Observa-  
tions 1601

OBSERVATIONS-Ionosphere:Incoherent Back-  
scattering:Observations  
1936

OBSERVATIONS-Ionosphere:Ionic Composition:  
Observations 1602

OBSERVATIONS-Ionosphere:Lunar Tides:Obser-  
vations 1600

OBSERVATIONS-Ionosphere:Observations:Inter-  
ferometers 1221

OBSERVATIONS-Ionosphere:Observations:Radar  
1437, 1535, 1964, 2018,  
2034

OBSERVATIONS-Ionosphere:Observations:Radio  
Telescopes 1223, 1591,  
1842

OBSERVATIONS-Ionosphere:Observations:Rock-  
ets 1842

OBSERVATIONS-Ionosphere:Observations:Satel-  
lites 1768

OBSERVATIONS-Ionosphere:Observations:Tri-  
partite Receivers 0958

OBSERVATIONS-Ionosphere:Photoelectron  
Streaming:Observations  
1874

OBSERVATIONS-Ionosphere:Photoelectrons:  
Observations 2018

OBSERVATIONS-Ionosphere:Scattering:Obser-  
vations 1616

OBSERVATIONS-Ionosphere:Scintillations:  
Observations 1535, 1714

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Ionosphere:Sporadic E:Observations 1978, 1655, 1842

OBSERVATIONS-Ionosphere:Temperature:Observations 1688, 1689, 2034

OBSERVATIONS-Ionosphere:Turbulence:Observations 1345

OBSERVATIONS-Ionosphere:Winds:Observations 1345, 1589, 2035

OBSERVATIONS-Intertropical Convergence Zone:Observations:Satellites 1596

OBSERVATIONS-Jet Stream:Fastest:Observations 0812

OBSERVATIONS-Northerners:Observations 0338

OBSERVATIONS-Northerners:Observations:Ship Reports 0745

OBSERVATIONS-Northerners:Winds:Observations 1551

OBSERVATIONS-Observations 0057

OBSERVATIONS-Observations:Aircraft 0405, 1068, 1293, 1885

OBSERVATIONS-Observations:Aircraft:Research Programs 1444

OBSERVATIONS-Observations:Aviation 0501

OBSERVATIONS-Observations:Aviation:Services 1572, 1686

OBSERVATIONS-Observations:Buoys(NOMAD) 1665, 1666

OBSERVATIONS-Observations:Charts 0406

OBSERVATIONS-Observations:Coding 0156, 0458, 0944

OBSERVATIONS-Observations:Data Processing 0596, 1647, 1648, 1923

OBSERVATIONS-Observations:Data Storage 1522

OBSERVATIONS-Observations:Description 0112, 0139

OBSERVATIONS-Observations:Description (see next column)

OBSERVATIONS-Observations:Education 0738

OBSERVATIONS-Observations:Evaluation 1885

OBSERVATIONS-Observations:Instruments 0093, 2502

OBSERVATIONS-Observations:Instruments:Aircraft 0996

OBSERVATIONS-Observations:Kites 0130

OBSERVATIONS-Observations:Lapse Rates 0198

OBSERVATIONS-Observations:Manuals 0670, 0723, 0953

OBSERVATIONS-Observations:Photography:Aircraft 1471

OBSERVATIONS-Observations:Photography:Satellites 1471

OBSERVATIONS-Observations:Pilot Balloons:Services 0368

OBSERVATIONS-Observations:Precipitation:Statistical Studies 0869

OBSERVATIONS-Observations:Radar 0730

OBSERVATIONS-Observations:Radar:Anomalous Propagation 1390

OBSERVATIONS-Observations:Radar:Data Processing 1240

OBSERVATIONS-Observations:Radar:Photography 0736

OBSERVATIONS-Observations:Radar:Requirements 1339

OBSERVATIONS-Observations:Radar:Research Programs 1944

OBSERVATIONS-Observations:Radiosondes:Analysis 0489

OBSERVATIONS-Observations:Satellites 1232

OBSERVATIONS-Observations:Services 0152, 0393, 1172, 1287

OBSERVATIONS-Observations:Ship Logs 0009, 0205

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Observations:Ship Reports  
0145

OBSERVATIONS-Observations:Stations 1201,  
1276, 1281

OBSERVATIONS-Observations:Statistical  
Studies:Averages 0437

OBSERVATIONS-Observations:Statistical  
Studies:Means 0110

OBSERVATIONS-Observations:Summaries  
0055, 0076, 0095, 0105,  
0121, 0122, 0151, 0154,  
0208, 0248, 0298, 0307,  
0437, 0438, 1567, 1614

OBSERVATIONS-Observations:Tables 0424

OBSERVATIONS-Observations:Techniques  
0596

OBSERVATIONS-Observations:Temperature:Sta-  
tistical Studies 0869

OBSERVATIONS-Observations:Tethered Balloons  
1640

OBSERVATIONS-Observations:Unmanned Stations  
1190, 1255, 1420, 2773,  
2889

OBSERVATIONS-Observations:Unmanned Sta-  
tions:Evaluation 1664,  
1665

OBSERVATIONS-Observations:Unmanned Sta-  
tions(NASA) 1997

OBSERVATIONS-Observations:Unmanned Sta-  
tions(NOMAD) 1816, 2059

OBSERVATIONS-Observations(WMO) 1748

OBSERVATIONS-Pollution:Observations:Satel-  
lites 1963

OBSERVATIONS-Pollution:Volcanic Ash:Obser-  
vations 1669, 1670

OBSERVATIONS-Potential:Evapotranspiration:  
Observations 0687, 0697

OBSERVATIONS-Precipitation:Chlorine:Obser-  
vations 0085

OBSERVATIONS-Precipitation:Nitrogen:Obser-  
vations 0085

OBSERVATIONS-Precipitation:Observations  
0201, 0606, 0706

OBSERVATIONS-Precipitation:Observations:  
Aircraft 0572, 0772

OBSERVATIONS-Precipitation:Observations:  
Description 0212, 0443

OBSERVATIONS-Precipitation:Observations:  
Patterns 0637, 1759

OBSERVATIONS-Precipitation:Observations:  
Photography 1631

OBSERVATIONS-Precipitation:Observations:  
Radar 0718, 0719, 0769,  
0998, 1230, 1233, 1240,  
1292, 1295, 1379, 1402,  
1418, 1506, 1557, 1558,  
1623, 1765, 1926, 1930

OBSERVATIONS-Precipitation:Observations:  
Rain Gages 0392

OBSERVATIONS-Precipitation:Observations:  
Stations 0548

OBSERVATIONS-Precipitation:Observations:  
Variations 0148

OBSERVATIONS-Precipitation:Showers:Obser-  
vations 0259

OBSERVATIONS-Precipitation:Water Droplets:  
Observations 1951

OBSERVATIONS-Pressure:Observations 0145,  
1607

OBSERVATIONS-Pressure:Observations:Aircraft  
1004

OBSERVATIONS-Pressure:Observations:Drop-  
sondes 1412

OBSERVATIONS-Pressure:Observations:Micro-  
barovariographs 0791

OBSERVATIONS-Pressure:Observations:Ships  
0260

OBSERVATIONS-Pressure:Observations:Varia-  
tions 0148, 0356, 0413

OBSERVATIONS-Purple Light:Observations  
0686

OBSERVATIONS-Radiations:Albedo:Observations  
1731

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Radiation:Infrared:Observations  
tions 1404

OBSERVATIONS-Radiation:Observations  
1150, 1366

OBSERVATIONS-Radiation:Observations:Bal-  
loons 1105

OBSERVATIONS-Radiation:Observations:Radio-  
meters (Suomi-Kuhn) 1316

OBSERVATIONS-Radiation:Observations:Radio-  
metersondes 1320, 1786

OBSERVATIONS-Radiation:Observations:Satel-  
lites 1153, 1588

OBSERVATIONS-Radiation:Observations (Sky-  
hook) 1186

OBSERVATIONS-Radiation:Solar:Observations  
0911, 1192

OBSERVATIONS-Radiation:Solar Flares:Obser-  
vations 1105

OBSERVATIONS-Rainstorms:Observations  
1632

OBSERVATIONS-Rainstorms:Observations:Radar  
1629

OBSERVATIONS-Reflection:Observations:Radio  
Propagation 0954

OBSERVATIONS-Refracton:Observations  
0821

OBSERVATIONS-Relative Humidity:Observations  
0145

OBSERVATIONS-Relative Humidity:Observations:  
Satellites 1839

OBSERVATIONS-Relative Humidity:Observations  
(NOMAD) 1939

OBSERVATIONS-Scattering:Observations:Sound-  
ings 1807

OBSERVATIONS-Snow:Observations 0632

OBSERVATIONS-Solar Flares:Observations  
0771, 0823

OBSERVATIONS-Solar Flares:Observations:  
Balloons 1226

OBSERVATIONS-Solar Radiation:Observations:  
Spectroheliometers 1035

OBSERVATIONS-Storms:Observations:Descrip-  
tion 0262, 0265, 0270,  
0294, 0315, 0322, 0324,  
0365

OBSERVATIONS-Storms:Observations:Radar  
0997

OBSERVATIONS-Storms:Observations:Satellites  
1231

OBSERVATIONS-Storms:Precipitation:Observa-  
tions 0907, 1156

OBSERVATIONS-Storms:Pressure:Observations  
0272

OBSERVATIONS-Storms:Winds:Observations  
0272

OBSERVATIONS-Stratosphere:Circulation:  
Observations 1855

OBSERVATIONS-Stratosphere:Dust:Observations  
1968

OBSERVATIONS-Stratosphere:Geomagnetic  
Declination:Observations  
1855

OBSERVATIONS-Stratosphere:Ozone:Observations  
1968

OBSERVATIONS-Stratosphere:Temperature:  
Observations 0528

OBSERVATIONS-Stratosphere:Water Vapor:  
Observations 1940

OBSERVATIONS-Stratosphere:Winds:Observations  
0528

OBSERVATIONS-Sunspots:Observations 0196

OBSERVATIONS-Temperature:Observations  
0166, 0738, 0874

OBSERVATIONS-Temperature:Observations:Air-  
craft 1059

OBSERVATIONS-Temperature:Observations:Kites  
0227

OBSERVATIONS-Temperature:Observations:Pro-  
filing 1815

OBSERVATIONS-Temperature:Observations:Radi-  
osondes 0990



# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Temperature:Observations:Satellites 1950

OBSERVATIONS-Thunderstorms:Electricity:Observations 1039

OBSERVATIONS-Thunderstorms:Observations:Radar 1390, 1585

OBSERVATIONS-Thunderstorms:Observations:Satellites 1584

OBSERVATIONS-Tornadoes:Clouds:Observations 1422

OBSERVATIONS-Tornadoes:Observations 1322

OBSERVATIONS-Tornadoes:Observations:Photography 0706, 1422

OBSERVATIONS-Tornadoes:Observations:Radar 1295

OBSERVATIONS-Trade Winds:African Dust:Observations 1942, 1955, 1962, 1967, 2019, 2021, 2032

OBSERVATIONS-Trade Winds:Clouds:Observations 0694, 0696, 0702

OBSERVATIONS-Trade Winds:Em Propagation:Observations 2225

OBSERVATIONS-Trade Winds:Evaporation:Observations 1098

OBSERVATIONS-Trade Winds:Heat Flow:Observations 1653

OBSERVATIONS-Trade Winds:Humidity:Observations 1068

OBSERVATIONS-Trade Winds:Observations:Balloons 0699, 0782

OBSERVATIONS-Trade Winds:Observations:Description 0133

OBSERVATIONS-Trade Winds:Observations:Services 1229

OBSERVATIONS-Trade Winds:Precipitation:Observations 1098

OBSERVATIONS-Trade Winds:Shear:Observations 1068

OBSERVATIONS-Trade Winds:Surface Stress:Observations 0619

OBSERVATIONS-Trade Winds:Temperature:Observations 1068

OBSERVATIONS-Tropical Cyclones:Circulation:Observations 0414

OBSERVATIONS-Tropical Cyclones:Clouds:Observations 1518

OBSERVATIONS-Tropical Cyclones:Description 0072

OBSERVATIONS-Tropical Cyclones:Observations 0336, 0337

OBSERVATIONS-Tropical Cyclones:Observations:Aircraft 0434, 1716

OBSERVATIONS-Tropical Cyclones:Observations:Description 0018, 0063, 0065, 0074, 0178, 0181, 0190, 0200, 0252, 0255, 0261, 0267, 0268, 0304, 0305, 0364

OBSERVATIONS-Tropical Cyclones:Observations:Radar 0651, 0901

OBSERVATIONS-Tropical Cyclones:Observations:Rawin 0434

OBSERVATIONS-Tropical Cyclones:Observations:Satellites 1296, 1319, 1363, 1984

OBSERVATIONS-Tropical Cyclones:Precipitation:Observations 0975, 1156

OBSERVATIONS-Tropical Cyclones:Pressure:Observations 0245

OBSERVATIONS-Tropical Cyclones:Refractivity:Observations 1228

OBSERVATIONS-Tropical Cyclones:Structure:Observations 0840

OBSERVATIONS-Tropical Cyclones:Winds:Observations 0630, 1309

OBSERVATIONS-Tropopause:Movement:Observations 0565

OBSERVATIONS-Troposphere:Jet Stream:Observations 0695

OBSERVATIONS-Turbulence:Clear Air:Observations 0488

OBSERVATIONS-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Partialness:Observations:Aircraft 0722, 0842, 1046, 1360

OBSERVATIONS-Upper Air:Density:Observations 1577

OBSERVATIONS-Upper Air:Energy:Observations 1760

OBSERVATIONS-Upper Air:Humidity:Observations 0692, 0990

OBSERVATIONS-Upper Air:Observations 0473, 0635

OBSERVATIONS-Upper Air:Observations:Aircraft 0597, 1119

OBSERVATIONS-Upper Air:Observations:Balloons 0458, 0561, 1006

OBSERVATIONS-Upper Air:Observations:Networks 1538

OBSERVATIONS-Upper Air:Observations:Radiondes 0158, 1794

OBSERVATIONS-Upper Air:Observations:Rawinsondes 0424

OBSERVATIONS-Upper Air:Observations:Rawinsondes 0512

OBSERVATIONS-Upper Air:Observations:Services 0590

OBSERVATIONS-Upper Air:Observations:Sound Propagation 0600

OBSERVATIONS-Upper Air:Observations:Stations 0533

OBSERVATIONS-Upper Air:Observations:Tables 0298, 0424

OBSERVATIONS-Upper Air:Ozone:Observations 1695

OBSERVATIONS-Upper Air:Pressure:Observations 0586, 0690

OBSERVATIONS-Upper Air:Temperature:Observations 0586, 0690

OBSERVATIONS-Upper Air:Winds:Observations 0609, 0710, 1598, 1890, 1891, 1892, 1950, 2028

OBSERVATIONS-Water Droplets:Observations: Radar 1441

OBSERVATIONS-Water Vapor:Observations: Frost-Point Hygrometers 1940

OBSERVATIONS-Water Vapor:Observations:Networks 1676

OBSERVATIONS-Waterspouts:Movement:Observations 1410

OBSERVATIONS-Waterspouts:Observations:Aircraft 1354, 1910

OBSERVATIONS-Waterspouts:Observations: Description 0135, 0225

OBSERVATIONS-Waterspouts:Observations: Photography 1047, 1254, 1910

OBSERVATIONS-Waterspouts:Observations:Ship Reports 1323

OBSERVATIONS-Waterspouts:Observations:Ships 0281

OBSERVATIONS-Waves:Electromagnetic:Observations 0523

OBSERVATIONS-Winds:Downdrafts:Observations 1945

OBSERVATIONS-Winds:Observations 0166, 0173

OBSERVATIONS-Winds:Observations:Aircraft 0629, 0693, 1309, 1540, 1660, 2041

OBSERVATIONS-Winds:Observations:Anemometers 0662

OBSERVATIONS-Winds:Observations:Balloons 1525

OBSERVATIONS-Winds:Observations:Insect Migration 0158

OBSERVATIONS-Winds:Observations:Profiles 1055

OBSERVATIONS-Winds:Observations:Projectiles 1806, 1890, 1891, 1892, 1952

OBSERVATIONS-Winds:Observations:Rawin 1066

# NETEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Winds:Observations:Rockets  
1801

OBSERVATIONS-Winds:Observations:Ship  
Reports 0959, 0999

OBSERVATIONS-Winds:Observations:Summaries  
1413

OBSERVATIONS-Winds:Observations:Texas  
Towers 1314

OBSERVATIONS-Winds:Observations:Unmanned  
Stations(ROMAD) 1939

OBSERVATIONS-Winds:Onshore:Observations  
1527

OBSERVATIONS-Winds:Sea Freezes:Observations  
0593, 1624

OBSERVATIONS-Winds:Surface Stress:Observations  
0754

OBSERVATIONS-Winds:Velocity:Observations  
1953

OBSERVATIONS-Winds:Vertical Motion:Observations  
1959

PARTICLE COLLECTION-Clouds:Particle Collection:Aircraft  
0715

PARTICLE COLLECTION-Clouds:Particle Collection:Description  
0715

PHOTOGRAPHY-Clouds:Observations:Photography  
0635, 0693, 0695, 0696, 0699,  
1115, 1210, 1515, 1924, 1977

PHOTOGRAPHY-Clouds:Photography:Aircraft  
0572, 1480, 1681

PHOTOGRAPHY-Clouds:Photography:Satellites  
1409, 1480, 1696, 1712

PHOTOGRAPHY-Cumulus:Observations:Photography  
0993

PHOTOGRAPHY-Hail:Observations:Photography  
1382

PHOTOGRAPHY-Hurricanes:Clouds:Photography  
0448, 0485, 1253

PHOTOGRAPHY-Hurricanes:Damage:Photography  
0606

PHOTOGRAPHY-Hurricanes:Observations:Photography  
2036

PHOTOGRAPHY-Hurricanes:Photography:Radar  
0511, 0524

PHOTOGRAPHY-Hurricanes:Photography:Satellites  
1411

PHOTOGRAPHY-Observations:Photography:Aircraft  
1471

PHOTOGRAPHY-Observations:Photography:Satellites  
1471

PHOTOGRAPHY-Observations:Radar:Photography  
0736

PHOTOGRAPHY-Precipitation:Observations:Photography  
1631

PHOTOGRAPHY-Storm Tracking:Radar:Photography  
0897

PHOTOGRAPHY-Tornadoes:Observations:Photography  
0706, 1422

PHOTOGRAPHY-Waterspouts:Observations:Photography  
1067, 1854, 1910

PROFILING-Temperature:Observations:Profiling  
1815

RAINMAKING-Precipitation:Rainmaking:Evaluation  
0681, 0777, 1093, 1094,  
1159, 1241, 1642

RAINMAKING-Precipitation:Rainmaking:Ice  
Crystals 1160

RAINMAKING-Precipitation:Rainmaking:  
Research Programs 1490, 1612

RAINMAKING-Precipitation:Rainmaking:Seeding  
0770, 0777, 0815

RAINMAKING-Precipitation:Rainmaking:Silver  
Iodide 0707, 1143, 1160

RAINMAKING-Precipitation:Rainmaking:Summaries  
0953

RAINMAKING-Precipitation:Rainmaking:Water  
Spray 0749, 0892, 1160

RAINMAKING-Precipitation:Rainmaking:Water  
Spraying 0769, 0783

RAINMAKING-Trade Winds:Precipitation:  
Rainmaking 0735

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

RESCUE-Hurricanes:Disasters:Rescue  
0107

RESEARCH-Cloud Physics:Research 0783

RESEARCH-Hurricanes:Modification:Research  
1698, 1717, 1761, 1828, 1912,  
2003, 2007

RESEARCH-Hurricanes:Research 1139

## DIVISION OF RESEARCH BY PROJECT NAMES

BARBADOS 1879  
BARBADOS WEATHER MODIFICATION 1681  
BOCMEX 1872, 1927, 1943, 1954, 1978,  
2005, 2022, 2024, 2031, 2032,  
2038, 2052, 2053, 2054, 2056,  
2057, 2058  
CIRRUS 0572, 0777, 1450  
CLOUD PHYSICS 0715, 0718, 0735,  
0892  
DATA BASE 1815  
ECCRO 1729, 1730  
EAPP 1598, 1890, 1891  
EICAT 1880  
ECEF 1173, 1186  
NATIONAL HURRICANE RESEARCH 0753,  
0801, 0848, 0871, 0903, 0915,  
0916, 0950, 0966, 1015, 1053,  
1061, 1062, 1066, 1080, 1083,  
1086, 1097, 1130, 1139, 1142,  
1151, 1163, 1165, 1167, 1179,  
1217, 1219, 1236, 1253, 1274,  
1293, 1321, 1734, 1453, 1558,  
1819  
SEA BREEZE 1846, 1885  
SHOWER 1211  
SHY HOOK 1251  
STORMFURY 1380, 1387, 1589, 1614,  
1450, 1562, 1536, 1659, 1660,  
1661, 1686, 1687, 1691, 1692,  
1698, 1717, 1743, 1761, 1825,  
1828, 1829, 1845, 1846, 1905,  
1906, 1912, 1937, 1979, 1983,  
2003  
SWAMP FOX 1361  
TIROS 1296  
TROMEX 1847  
WEATHER WATCH 1240  
WILDWOOD 0983, 0996, 1112  
WIND CONTROL 1270  
WOODCOCK 0658  
WYMAN 0658

SAMPLING-Atmosphere:Pollution:Sampling  
1543

SAMPLING-Chloride:Sampling:Aircraft  
0737

SAMPLING-Chloride:Sampling:Surface  
0737

SAMPLING-Chloride Particles:Sampling:Air-  
craft 0807

SAMPLING-Clouds:Proplet Size:Sampling  
1066

SAMPLING-Precipitation:Sampling:Aircraft  
0516

SAMPLING-Upper Air:Chloride Particles:  
Sampling 0894

SEEDING-Clouds:Cumulus:Seeding 0506

SEEDING-Clouds:Modification:Seeding  
0509, 0516, 0572, 0592, 0604,  
0608, 0611, 0638, 0639, 0640,  
0642, 0681, 0707, 0735, 0749,  
0769, 0770, 0783, 0815, 0892,  
1093, 1143, 1159, 1160, 1270,  
1448, 1449, 1590, 1562, 1642,  
1651, 1692, 1713, 1743, 1829,  
1906, 1983, 2007

SEEDING-Hurricanes:Modification:Seeding  
1323, 1380, 1385, 1387, 1389,  
1414, 1450, 1661, 1691, 1698,  
1717, 1743, 1761, 1846, 1907,  
1912, 1937, 1979, 1981

SEEDING-Precipitation:Modification:Seeding  
0506, 0507

SEEDING-Precipitation:Rainmaking:Seeding  
0770, 0777, 0815

SEEDING-Seeding:Equipment:Cyclops  
1323

SERVICES-Climatology:Services 1832

SERVICES-Computation:Services 1399

SERVICES-Data Processing:Services 1989

SERVICES-Forecasting:Aviation:Services  
1633

SERVICES-Forecasting:Services 0544,  
1202, 1263, 1281, 1722

SERVICES-Frost:Warnings:Services 1095

SERVICES-Hurricanes:Advisories:Services  
1461, 1484

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

SERVICES-Hurricanes:Forecasting:Services  
0774, 0824

SERVICES-Hurricanes:Observations:Services  
0278

SERVICES-Hurricanes:Services 0628, 0820,  
1844, 1845

SERVICES-Hurricanes:Storm Tracking:Services  
0774

SERVICES-Hurricanes:Warnings:Services  
0274, 0278, 0651, 0739, 0764,  
0876, 0885, 1147, 1706, 1805,  
1831, 1999

SERVICES-Observations:Aviation:Services  
1572

SERVICES-Observations:Pilot Balloons:Ser-  
vices 0368

SERVICES-Observations:Services 0152,  
0393, 1172, 1287

SERVICES-Services 0164, 0545, 0700,  
0994, 1058, 1281, 1837

SERVICES-Services:Amateur 1090

SERVICES-Services:Aviation(ICA0) 0533

SERVICES-Services:Directories 1254

SERVICES-Trade Winds:Observations:Services  
1229

SERVICES-Tropical Cyclones:Forecasting:  
Services 1576, 1702

SERVICES-Upper Air:Observations:Services  
0590

SERVICES-Upper Air:Winds:Services 0789

SHIP AVOIDANCE-Hurricanes:Navigation:  
Ship Avoidance 0059,  
0266, 0274, 0747

SHIP AVOIDANCE-Hurricanes:Warnings:Ship  
Avoidance 0103

SOUNDINGS-Clouds:Water Droplets:Soundings  
0715

SOUNDINGS-Convection:Soundings:Balloons  
1503

SOUNDINGS-Hurricanes:Soundings 1005

SOUNDINGS-Ionosphere:Sporadic E:Soundings  
1145

SOUNDINGS-Scattering:Observations:Sound-  
ings 1007

SOUNDINGS-Temperature:Soundings 0563

SOUNDINGS-Tropical Cyclones:Temperature:  
Soundings 0683

SOUNDINGS-Upper Air:Radiation:Soundings  
1316

SOUNDINGS-Upper Air:Soundings 1091

SOUNDINGS-Upper Air:Soundings:Rockets  
1598

SOUNDINGS-Upper Air:Winds:Soundings  
0556

SPECTRAL ANALYSIS-Winds:Energy:Spectral  
Analysis 1282

STATISTICAL ANALYSIS-Tropical Cyclones:  
Statistical Analysis  
1286

STATISTICAL STUDIES-Atmosphere:Statistical  
Studies:Means 0630,  
0915

STATISTICAL STUDIES-Circulation:Statisti-  
cal Studies:Means  
0912, 0924, 1054

STATISTICAL STUDIES-Climatology:Climates:  
Statistical Studies  
0407

STATISTICAL STUDIES-Climatology:Observa-  
tions:Statistical  
Studies 1213

STATISTICAL STUDIES-Climatology:Statisti-  
cal Studies 0665

STATISTICAL STUDIES-Climatology:Statisti-  
cal Studies:Averages  
1583

STATISTICAL STUDIES--(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

STATISTICAL STUDIES-Climatology:Statistical Studies:Summaries  
0390

STATISTICAL STUDIES-Cloudiness:Statistical Studies:Averages  
0159

STATISTICAL STUDIES-Cloudiness:Statistical Studies:Description  
0152

STATISTICAL STUDIES-Cloudiness:Statistical Studies:Frequencies  
0385, 1640

STATISTICAL STUDIES-Cloudiness:Statistical Studies:Means 0205,  
0394, 0406, 1381

STATISTICAL STUDIES-Clouds:Cumulus:Statistical Studies 1924

STATISTICAL STUDIES-Clouds:Statistical Studies:Frequencies  
0033, 1104, 1223

STATISTICAL STUDIES-Clouds:Statistical Studies:Means 0186

STATISTICAL STUDIES-Clouds:Water Content: Statistical Studies  
1273

STATISTICAL STUDIES-Dew Point:Statistical Studies:Averages  
1393

STATISTICAL STUDIES-Dew Point:Statistical Studies:Means 1381

STATISTICAL STUDIES-Divergence:Statistical Studies:Correlations  
1623

STATISTICAL STUDIES-Energy:Statistical Studies:Correlations  
1710

STATISTICAL STUDIES-Evaporation:Statistical Studies:Averages  
0546

STATISTICAL STUDIES-Evaporation:Statistical Studies:Means 0232,  
0914

STATISTICAL STUDIES-(see next column)

STATISTICAL STUDIES-Evapotranspiration: Statistical Studies: Correlations 1710

STATISTICAL STUDIES-Fog:Statistical Studies:Frequencies  
0273

STATISTICAL STUDIES-Fog:Statistical Studies:Means 0385

STATISTICAL STUDIES-Gulf Stratus:Statistical Studies:Forecasting  
1685

STATISTICAL STUDIES-Hail:Statistical Studies:Frequencies  
1625

STATISTICAL STUDIES-Heating:Statistical Studies:Means 1478

STATISTICAL STUDIES-Humidity:Statistical Studies:Correlations  
1623

STATISTICAL STUDIES-Humidity:Statistical Studies:Means 0191,  
1723

STATISTICAL STUDIES-Hurricanes:Logogenesis:Statistical Studies  
1350

STATISTICAL STUDIES-Hurricanes:Intensity: Statistical Studies  
1149

STATISTICAL STUDIES-Hurricanes:Precipitation:Statistical Studies  
0680, 1014,  
1329, 1943, 1972

STATISTICAL STUDIES-Hurricanes:Statistical Studies 0823

STATISTICAL STUDIES-Hurricanes:Statistical Studies:Forecasting  
0838

STATISTICAL STUDIES-Hurricanes:Statistical Studies:Frequencies  
0138, 0228, 0239,  
0247, 0249, 0269,  
0487, 0490, 0631,  
0763, 0855, 0856,  
0884, 0909, 0931,  
0950, 0951, 1074,  
1219, 1359, 1495,  
1552, 1626, 1668,  
1762, 1836

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

STATISTICAL STUDIES-Hurricanes:Statistical  
Studies:Means 0445

STATISTICAL STUDIES-Hurricanes:Statistical  
Studies:Periodicities  
0358, 0376

STATISTICAL STUDIES-Hurricanes:Statistical  
Studies:Probabilities  
1216

STATISTICAL STUDIES-Ionosphere:Winds:Sta-  
tistical Studies  
1520

STATISTICAL STUDIES-Lightning:Statistical  
Studies:Frequencies  
0032

STATISTICAL STUDIES-Lunar Tides:Statistical  
Studies:Means 1637

STATISTICAL STUDIES-Northerners:Statistical  
Studies:Frequencies  
0647, 0716

STATISTICAL STUDIES-Northerners:Winds:Statis-  
tical Studies 2307

STATISTICAL STUDIES-Observations:Precipita-  
tion:Statistical Stud-  
ies 0869

STATISTICAL STUDIES-Observations:Statisti-  
cal Studies:Averages  
0437

STATISTICAL STUDIES-Observations:Statisti-  
cal Studies:Means  
0110

STATISTICAL STUDIES-Observations:Tempera-  
ture:Statistical Stud-  
ies 0869

STATISTICAL STUDIES-Potential Temperature:  
Statistical Studies:  
Means 1931

STATISTICAL STUDIES-Precipitable Water:Sta-  
tistical Studies:Fre-  
quencies 1538

STATISTICAL STUDIES-Precipitation:Intensity:  
Statistical Studies  
0765

STATISTICAL STUDIES-(see next column)

STATISTICAL STUDIES-Precipitation:Snow:  
Statistical Studies  
1011

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies 0049,  
0330, 0345, 1402,  
1439

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Annual  
Averages 128

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Averages  
0116, 0159, 0162,  
0238, 0612, 1272

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Classifi-  
cation 1528

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Correla-  
tions 0142, 0236,  
1759

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Descrip-  
tion 0152

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Fourier  
Analysis 1916

STATISTICAL STUDIES-Precipitation:Statis-  
tical studies:Frequen-  
cies 0173, 0437,  
0552, 0615, 1009,  
1117, 1534, 1546,  
1581, 1582, 1640,  
1788, 1911, 1921

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Graphs  
0889

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Harmonic  
Analysis 1634

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Irriga-  
tion Maps 0318

STATISTICAL STUDIES-Precipitation:Statis-  
tical Studies:Maps  
0349

STATISTICAL STUDIES-(see next page)

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

### STATISTICAL STUDIES-Precipitation:Statistical Studies:Means

0081, 0161, 0191,  
0209, 0232, 0235,  
0271, 0273, 0279,  
0307, 0319, 0360,  
0385, 0380, 0388,  
0406, 0422, 0432,  
0505, 0602, 0603,  
0644, 1070, 1148,  
1394, 1432, 1509,  
1723, 1841, 2027

### STATISTICAL STUDIES-Precipitation:Statistical Studies:Normals

0580, 0609, 0685

### STATISTICAL STUDIES-Precipitation:Statistical Studies:Probabilities

0553, 0956,  
0968, 1656

### STATISTICAL STUDIES-Precipitation:Statistical Studies:Skewness

1039

### STATISTICAL STUDIES-Precipitation:Statistical Studies:Standard Deviations

1509,  
1513

### STATISTICAL STUDIES-Pressure:Statistical Studies:Averages

0159, 0684

### STATISTICAL STUDIES-Pressure:Statistical Studies:Correlations

0285, 0413, 1623

### STATISTICAL STUDIES-Pressure:Statistical Studies:Harmonic Analysis

0462

### STATISTICAL STUDIES-Pressure:Statistical Studies:Means

0078,  
0219, 0271, 0276,  
0307, 0357, 0406,  
0453, 0473, 0558,  
0593, 0632, 0917,  
1225, 1381, 1700,  
2230

### STATISTICAL STUDIES-Pressure:Statistical Studies:Percentiles

1640

### STATISTICAL STUDIES-Pressure:Statistical Studies:Periodicities

0351

### STATISTICAL STUDIES-Pressure/Height:Statistical Studies:Means

1056

### STATISTICAL STUDIES-Radiation:Solar:Statistical Studies

1116

### STATISTICAL STUDIES-Radiation:Statistical Studies:Means

1356,  
1723

### STATISTICAL STUDIES-Radio Waves:Propagation:Statistical Studies

1193

### STATISTICAL STUDIES-Refractive Index:Statistical Studies:Frequencies

1154

### STATISTICAL STUDIES-Relative Humidity:Statistical Studies:Averages

0159, 2027

### STATISTICAL STUDIES-Relative humidity:Statistical Studies:Means

0161, 0186, 0386,  
0407, 0552, 0624

### STATISTICAL STUDIES-Sferics:Statistical Studies:Correlations

0504

### STATISTICAL STUDIES-Solar Activity:Statistical Studies:Correlations

1724

### STATISTICAL STUDIES-Stratosphere:Circulation:Statistical Studies

1054

### STATISTICAL STUDIES-Stream Function:Statistical Studies:Persistence

1375

### STATISTICAL STUDIES-Sunshine:Statistical Studies:Averages

0591

### STATISTICAL STUDIES-Sunshine:Statistical Studies:Description

0152

### STATISTICAL STUDIES-Temperature:Advection:Statistical Studies

1932

### STATISTICAL STUDIES-Temperature:Statistical Studies:Averages

1272, 1393, 2206



# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

STATISTICAL STUDIES-Temperature:Statistical  
Studies:Correlations  
1623, 1649

STATISTICAL STUDIES-Temperature:Statistical  
Studies:Description  
0152

STATISTICAL STUDIES-Temperature:Statistical  
Studies:Harmonic Analysis  
0462

STATISTICAL STUDIES-Temperature:Statistical  
Studies:Means 0086,  
0121, 0145, 0161,  
0183, 0186, 0191,  
0271, 0273, 0319,  
0360, 0367, 0386,  
0388, 0406, 0407,  
0422, 0424, 0431,  
0440, 0510, 0552,  
0558, 0603, 0609,  
0624, 0632, 0644,  
0937, 0987, 1056,  
1148, 1381, 1394,  
1537, 1700, 1723,  
2230

STATISTICAL STUDIES-Temperature:Statistical  
Studies:Normals  
0132, 0685

STATISTICAL STUDIES-Thunderstorms:Statistical  
Studies:Durations  
0116

STATISTICAL STUDIES-Thunderstorms:Statistical  
Studies:Frequencies  
0116, 0162, 0273,  
0437, 0557

STATISTICAL STUDIES-Thunderstorms:Statistical  
Studies:Means  
1640

STATISTICAL STUDIES-Thunderstorms:Statistical  
Studies:Probabilities  
0553

STATISTICAL STUDIES-Tornadoes:Statistical  
Studies:Frequencies  
0557

STATISTICAL STUDIES-Trade Winds:Statistical  
Studies:Averages  
0256

STATISTICAL STUDIES-Trade Winds:Statistical  
Studies:Means 0599

STATISTICAL STUDIES-Tropical Cyclones:Dis-  
asters:Statistical  
Studies 1180

STATISTICAL STUDIES-Tropical Cyclones:Pre-  
cipitation:Statistical  
Studies 1524, 1911

STATISTICAL STUDIES-Tropical Cyclones:Sta-  
tistical Studies:Fre-  
quencies 0040, 0074,  
0230, 0285, 0884,  
0939, 1198, 1235,  
1436, 1524, 1537

STATISTICAL STUDIES-Tropical Cyclones:  
Statistical Studies:  
Probabilities 0519,  
0534

STATISTICAL STUDIES-Troposphere:Relative  
Humidity:Statistical  
Studies 1696

STATISTICAL STUDIES-Upper Air:Circulation:  
Statistical Studies  
1794

STATISTICAL STUDIES-Upper Air:Density:  
Statistical Studies  
1091, 1111, 1121

STATISTICAL STUDIES-Upper Air:Humidity:  
Statistical Studies  
1111

STATISTICAL STUDIES-Upper Air:Potential  
Temperature:Statistical  
Studies 1091

STATISTICAL STUDIES-Upper Air:Pressure:  
Statistical Studies  
0910, 1088

STATISTICAL STUDIES-Upper Air:Pressure/  
Height:Statistical  
Studies 1056, 1091,  
1111, 1122, 1155,  
1358

STATISTICAL STUDIES-Upper Air:Specific  
Humidity:Statistical  
Studies 1091

STATISTICAL STUDIES-Upper Air:Statistical  
Studies:Means 1005,  
1091

STATISTICAL STUDIES-Upper Air:Temperature:  
Statistical Studies  
0453, 0987, 1056,

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

STATISTICAL STUDIES-Upper Air:Temperature:  
Statistical Studies  
(Cont.) 1111, 1121

STATISTICAL STUDIES-Vapor Pressure:Statistical Studies:Means  
0558

STATISTICAL STUDIES-Visibility:Statistical Studies:Means 0385

STATISTICAL STUDIES-Vorticity:Statistical Studies:Correlations  
1623

STATISTICAL STUDIES-Water Vapor:Statistical Studies:Averages  
0887

STATISTICAL STUDIES-Water Vapor:Statistical Studies:Means  
1817

STATISTICAL STUDIES-Water Vapor Pressure:Statistical Studies:  
Means 1045

STATISTICAL STUDIES-Wind:Statistical Studies 0544, 0817

STATISTICAL STUDIES-Winds:Statistical Studies:Averages  
0159, 0295, 0384,  
0437, 0684, 0999,  
1203, 1262, 1393,  
2027

STATISTICAL STUDIES-Winds:Statistical Studies:Correlations  
0285

STATISTICAL STUDIES-Winds:Statistical Studies:Frequencies  
0206, 0271, 0428,  
0475, 0547, 1178,  
1640

STATISTICAL STUDIES-Winds:Statistical Studies:Means 0152,  
0276, 0386, 0406,  
0510, 0710, 1015,  
1142, 1381, 1723,  
1990

STATISTICAL STUDIES-Winds:Statistical Studies:Standard Deviations  
0523, 1155

STATISTICAL STUDIES-(see next column)

STATISTICAL STUDIES-Winds:Statistical Studies:Wind Roses  
0380, 0473, 0475,  
0523, 0556, 0593,  
1563

STATISTICAL STUDIES-Winds:Surface:Statistical Studies 0977

STATISTICAL STUDIES-Winds:Surface Stress:Statistical Studies  
0634, 2238

STORM AVOIDANCE-Hurricanes:Navigation:Storm Avoidance 0028

STORM TRACKING-Hurricanes:Movement:Storm Tracking 0511

STORM TRACKING-Hurricanes:Storm Tracking  
0703, 0900

STORM TRACKING-Hurricanes:Storm Tracking:Aircraft 0524, 1831,  
1867

STORM TRACKING-Hurricanes:Storm Tracking:Charts 2002

STORM TRACKING-Hurricanes:Storm Tracking:Microseisms 0460, 0612,  
0673

STORM TRACKING-Hurricanes:Storm Tracking:Radar 0524, 0529, 0570,  
0574, 0816, 0854, 0897,  
1072, 1133, 1222, 1251,  
1284, 1321, 1324, 1335,  
1345, 1365, 1645

STORM TRACKING-Hurricanes:Storm Tracking:Radiometers 1867

STORM TRACKING-Hurricanes:Storm Tracking:Satellites 1303, 1319,  
1408, 1425, 1500, 1621

STORM TRACKING-Hurricanes:Storm Tracking:Services 0774

STORM TRACKING-Storm Tracking:Radar:Photography 0897

STORM TRACKING-Thunderstorms:Storm Tracking:Radar 1382

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

STORM TRACKING-Tornadoes:Storm Tracking:  
Radar 1092, 1446, 1922

STORM TRACKING-Tropical Cyclones:Storm  
Tracking:Radar 0901

STORM TRACKING-Tropical Cyclones:Storm  
Tracking:Satellites 1964,  
1987

STORM TRACKING-Tropical Cyclones:Storm  
Tracking:Seismographs  
0457.

STORM TRACKING-Tropical Cyclones:Storm  
Tracking:Sferics 0379

STREAMLINE ANALYSIS-Circulation:Streamline  
Analysis 1355

STREAMLINE ANALYSIS-Hurricanes:Winds:  
Streamline Analysis  
1747

STREAMLINE ANALYSIS-Tropical Cyclones:  
Winds:Streamline Analy-  
sis 1796

STREAMLINE ANALYSIS-Upper Air:Winds:  
Streamline Analysis  
0495

STREAMLINE ANALYSIS-Winds:Divergence:  
Streamline Analysis  
1256

STRUCTURAL DESIGN-Hurricanes:Engineering:  
Structural Design  
0210, 0226

SYNOPTIC ANALYSIS-Air Masses:Synoptic Anal-  
ysis 0805

SYNOPTIC ANALYSIS-Circulation:Synoptic  
Analysis 1132, 1176

SYNOPTIC ANALYSIS-Drought:Synoptic Analy-  
sis 0825

SYNOPTIC ANALYSIS-Easterly Waves:Precipi-  
tation:Synoptic Analysis  
1673

SYNOPTIC ANALYSIS-Easterly Waves:Synoptic  
Analysis 0395, 0732,  
0810

SYNOPTIC ANALYSIS-Extratropical Cyclones:  
Synoptic Analysis 0836

SYNOPTIC ANALYSIS-Fronts:Movement:Synoptic  
Analysis 1023

SYNOPTIC ANALYSIS-Fronts:Synoptic Analysis  
1571

SYNOPTIC ANALYSIS-Hurricanes:Cyclogenesis:  
Synoptic Analysis  
0803, 1304, 1443

SYNOPTIC ANALYSIS-Hurricanes:Movement:  
Synoptic Analysis  
0499, 0617, 1268

SYNOPTIC ANALYSIS-Hurricanes:Precipita-  
tion:Synoptic Analysis  
1630

SYNOPTIC ANALYSIS-Hurricanes:Pressure:  
Synoptic Analysis  
1338

SYNOPTIC ANALYSIS-Hurricanes:Stability:  
Synoptic Analysis  
0495

SYNOPTIC ANALYSIS-Hurricanes:Structure:  
Synoptic Analysis  
0836, 1013, 1027

SYNOPTIC ANALYSIS-Hurricanes:Synoptic  
Analysis 0395, 0518,  
0721

SYNOPTIC ANALYSIS-Hurricanes:Synoptic  
Analysis:Charts 0567,  
0867, 1206

SYNOPTIC ANALYSIS-Hurricanes:Temperature:  
Synoptic Analysis  
0886

SYNOPTIC ANALYSIS-Hurricanes:Winds:Synop-  
tic Analysis 0022

SYNOPTIC ANALYSIS-Intertropical Convergence  
Zone:Synoptic Analysis  
0471, 2026

SYNOPTIC ANALYSIS-Northers:Synoptic Analy-  
sis 0745

SYNOPTIC ANALYSIS-Polar Fronts:Synoptic  
Analysis 0395

SYNOPTIC ANALYSIS-Precipitation:Flooding:  
Synoptic Analysis  
1026

SYNOPTIC ANALYSIS-Pressure:Highs:Synoptic  
Analysis 2026

# METEOROLOGY SUBJECT INDEX

## OPERATIONS-(Cont.)

SYNOPTIC ANALYSIS-Pressure:Surface:Synoptic Analysis 1134

SYNOPTIC ANALYSIS-Pressure:Synoptic Analysis 1032

SYNOPTIC ANALYSIS-Squall Lines:Synoptic Analysis 0806

SYNOPTIC ANALYSIS-Storms:Precipitation: Synoptic Analysis 1256

SYNOPTIC ANALYSIS-Stratosphere:Winds:Synoptic Analysis 1157

SYNOPTIC ANALYSIS-Synoptic Analysis 0309, 0433, 0469, 0491, 0742, 0748, 0759, 0806

SYNOPTIC ANALYSIS-Synoptic Analysis:Charts 0382

SYNOPTIC ANALYSIS-Synoptic Analysis:Models 1505

SYNOPTIC ANALYSIS-Temperature/Dew Point:Synoptic Analysis 1134

SYNOPTIC ANALYSIS-Thunderstorms:Synoptic Analysis 1244

SYNOPTIC ANALYSIS-Tornadoes:Synoptic Analysis 1922

SYNOPTIC ANALYSIS-Tropical Cyclones:Cyclogenesis:Synoptic Analysis 1082, 1104

SYNOPTIC ANALYSIS-Upper Air:Circulation:Synoptic Analysis 0811

SYNOPTIC ANALYSIS-Upper Air:Jet Stream:Synoptic Analysis 1012

SYNOPTIC ANALYSIS-Upper Air:Potential Temperature:Synoptic Analysis 1931

SYNOPTIC ANALYSIS-Upper Air:Pressure:Synoptic Analysis 1001, 2015

SYNOPTIC ANALYSIS-Upper Air:Temperature:Synoptic Analysis 2015

SYNOPTIC ANALYSIS-Upper Air:Winds:Synoptic Analysis 1439, 2015

SYNOPTIC ANALYSIS-(see next column)

SYNOPTIC ANALYSIS-Winds:Direction:Synoptic Analysis 1134

SYNOPTIC ANALYSIS-Winds:Instability:Synoptic Analysis 1631

TECHNIQUES-Observations:Techniques 0596

THEORY-Evaporation:Theory 0914

THEORY-Hurricanes:Convection:Theory 0111

THEORY-Hurricanes:Cyclogenesis:Theory (Abercromby) 0155

THEORY-Hurricanes:Dynamics:Theory 0030

THEORY-Hurricanes:Structure:Theory(Espy) 0077

THEORY-Hurricanes:Structure:Theory(Ferrel) 0077

THEORY-Hurricanes:Theory 0028, 0854

THEORY-Tropical Cyclones:Cyclogenesis:Theory 0881, 1119

THEORY-Tropical Cyclones:Dynamics:Theory 0074

THEORY-Tropical Cyclones:Theory(Espy) 0040

THERMAL ANALYSIS-High Pressure:Thermal Analysis 1113

THERMODYNAMIC ANALYSIS-Hurricanes:Cyclogenesis:Thermodynamic Analysis 1472

THERMODYNAMIC ANALYSIS-Tropical Cyclones:Thermodynamic Analysis 0021

THICKNESS ANALYSIS-Tropical Cyclones:Cyclogenesis:Thickness Analysis 1470

THICKNESS ANALYSIS-Upper Air:Streamlines:Thickness Analysis 0668

TRACKING-Radiosondes:Tracking 0918

TRACKING-Radiosondes:Tracking:Radar 0960

WATER SPRAYING-Precipitation:Rainmaking: Water Spraying 0769, 0783

# METEOROLOGY SUBJECT INDEX

## PROCESSES-Absorption, Advection, etc.

ABSORPTION-Radiation:Solar:Absorption  
1860

ADVECTION-Circulation:Advection:Forecast-  
ing 1864, 1914

ADVECTION-Hurricanes:Winds:Advection  
1038

ADVECTION-Temperature:Advection:Statistical  
Studies 1932

ADVECTION-Upper Air:Temperature:Advection  
2025

AIRCRAFT ICING-Upper Air:Aircraft Icing:  
Summaries 0757

AIRGLOW-Airglow:Observations 1726

AIR/SEA INTERACTION-Air/Sea Interaction  
0661, 0662, 0959,  
1635, 2510

AIR/SEA INTERACTION-Air/Sea Interaction:  
Energy:Budgets 1934

AIR/SEA INTERACTION-Air/Sea Interaction:  
Expeditions 1873

AIR/SEA INTERACTION-Air/Sea Interaction:  
Observations:Aircraft  
1821

AIR/SEA INTERACTION-Air/Sea Interaction:  
Observations:Radio-  
active Tracers 1971

AIR/SEA INTERACTION-Air/Sea Interaction:  
Research Programs  
1560, 1652, 1757,  
1758, 1847, 1859,  
1979, 1893, 1903,  
1927, 1933, 1954,  
1978, 1995, 2005,  
2009, 2022, 2024,  
2031, 2037, 2038,  
2052, 2053, 2054,  
2056, 2057, 2058,  
2063, 2635

AIR/SEA INTERACTION-Air/Sea Interaction:  
Research Programs:Bul-  
letins 1872

AIR/SEA INTERACTION-Air/Sea Interaction:  
Summaries 2541,  
2905

AIR/SEA INTERACTION-Air/Sea Interaction:  
Surface Effects  
2164

AIR/SEA INTERACTION-Energy:Air/Sea Inter-  
action:Budgets 1142

AIR/SEA INTERACTION-Fronts:Air/Sea Inter-  
action 1878

AIR/SEA INTERACTION-Hurricanes:Air/Sea  
Interaction 0903,  
1308, 1904, 2486,  
2487, 2576

AIR/SEA INTERACTION-Hurricanes:Energy:Air/  
Sea Interaction  
1302, 1473

AIR/SEA INTERACTION-Hurricanes:Winds:Air/  
Sea Interaction  
0734, 1494, 1549,  
1985, 2505

AIR/SEA INTERACTION-Moisture:Air/Sea Inter-  
action 0563

AIR/SEA INTERACTION-Temperature:Air/Sea  
Interaction 0563

AIR/SEA INTERACTION-Trade Winds:Air/Sea  
Interaction 0454,  
0690, 1653

AIR/SEA INTERACTION-Trade Winds:Air/Sea  
Interaction:Research  
Programs 1654

AIR/SEA INTERACTION-Tropical Cyclones:Air/  
Sea Interaction  
1377, 1445, 1802

AIR/SEA INTERACTION-Winds:Air/Sea Inter-  
action 0064,  
0599

ANOMALOUS PROPAGATION-Observations:Radar  
Anomalous Prop-  
agation 1390

ATTENUATION-Refractivity:Attenuation:  
Analysis 1930

BLIZZARDS-Hurricanes:Precipitation:Eliz-  
zards 0075

CIRCULATION-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

- CIRCULATION-Circulation 0327, 0425,  
0537
- CIRCULATION-Circulation:Advection:Forecast-  
ing 1864, 1914
- CIRCULATION-Circulation:Analysis 0886
- CIRCULATION-Circulation:Analysis:Composite  
Charts 1063
- CIRCULATION-Circulation:Angular Momentum:  
Flow 0622
- CIRCULATION-Circulation:Angular Momentum:  
Transport 1139
- CIRCULATION-Circulation:Convergence:  
Computation 0536
- CIRCULATION-Circulation:Description  
0689
- CIRCULATION-Circulation:Divergence:Compu-  
tation 0536
- CIRCULATION-Circulation:Forecasting:Models  
1864
- CIRCULATION-Circulation:Movement:Forecast-  
ing 0463
- CIRCULATION-Circulation:Observations:Air-  
craft 0899
- CIRCULATION-Circulation:Observations:Radio-  
sondes 1636
- CIRCULATION-Circulation:Patterns 0280
- CIRCULATION-Circulation:Perturbations:Anal-  
ysis 0583
- CIRCULATION-Circulation:Research Programs  
1196
- CIRCULATION-Circulation:Seasons:Summaries  
0115
- CIRCULATION-Circulation:Seasons:Winter  
0115
- CIRCULATION-Circulation:Statistical Stud-  
ies:Means 0919, 0924, 1054
- CIRCULATION-Circulation:Streamline Analysis  
1355
- CIRCULATION-Circulation:Streamlines:Kine-  
matic Analysis 0582
- CIRCULATION-Circulation:Summaries 0483,  
0568, 0684, 0809, 0973, 1020,  
1315
- CIRCULATION-Circulation:Synoptic Analysis  
1132, 1176
- CIRCULATION-Circulation:Variations:Summar-  
ies 0650
- CIRCULATION-Circulation:Vorticity:Computa-  
tion 1256
- CIRCULATION-Circulation:Winds:Divergence  
1755
- CIRCULATION-Clouds:Circulation:Analysis  
0329
- CIRCULATION-Easterly Waves:Circulation:  
Computation 1434
- CIRCULATION-Hurricanes:Circulation:Analy-  
sis 0030, 0884, 0919, 0935
- CIRCULATION-Hurricanes:Circulation:Descrip-  
tion 0096
- CIRCULATION-Hurricanes:Circulation:Dynamic  
Analysis 1037
- CIRCULATION-Hurricanes:Circulation:Fore-  
casting 0674, 0926, 1019
- CIRCULATION-Hurricanes:Circulation:Models  
0271, 1037, 1793
- CIRCULATION-Hurricanes:Circulation:Obser-  
vations 0083, 1053
- CIRCULATION-Hurricanes:Circulation:Steer-  
ing 0463, 0562, 0589
- CIRCULATION-Hurricanes:Circulation:Sub-  
sidence 1411
- CIRCULATION-Hurricanes:Circulation:Vertical  
Coupling 1679
- CIRCULATION-Ozonosphere:Circulation:Analy-  
sis 1328
- CIRCULATION-Storms:Circulation 0042
- CIRCULATION-Stratosphere:Circulation:Obser-  
vations 1855
- CIRCULATION-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSING-(Cont.)

CIRCULATION-Stratosphere:Circulation:Sta- tistical Studies 1094	CIRROC-Clouds:Cirrus:Heights 1114
CIRROCLAMUS-Thunderstorms:Circulation:Anal- ysis 1045	CIRROC-Clouds:Cirrus:Summaries 1104
CIRCULATION-Trade Winds:Circulation:Angular Momentum 1000	CIRROC-Hurricanes:Clouds:Cirrus 1941
CIRCULATION-Trade Winds:Circulation:Eddies 1000	CLOUD STREETS-Cloud Streets:Observations: Satellites 1250
CIRCULATION-Trade Winds:Circulation:Pat- terns 0417	CLOUD STREETS-Clouds:Cloud Streets:Obser- vations 1657
CIRCULATION-Trade Winds:Circulation:Sum- maries 0934, 1129	CLOUD STREETS-Hurricanes:Cloud Streets: Forecasting 1498
CIRCULATION-Trade Winds:Models 0890	CLOUDS-Clouds:Analysis 1177, 1521
CIRCULATION-Tropical Cyclones:Circulation: Analysis 0001, 1330, 1987	CLOUDS-Clouds:Circulation:Analysis 0329
CIRCULATION-Tropical Cyclones:Circulation: Forecasting 0906	CLOUDS-Clouds:Cirrus:Heights 1114
CIRCULATION-Tropical Cyclones:Circulation: Models 1426	CLOUDS-Clouds:Cirrus:Summaries 1104
CIRCULATION-Tropical Cyclones:Circulation: Observations 0414	CLOUDS-Clouds:Cloud Heights:Modification 1713
CIRCULATION-Tropical Cyclones:Circulation: Structure 0074	CLOUDS-Clouds:Cloud Streets:Observations 1657
CIRCULATION-Upper Air:Circulation:Analysis 1290, 1800	CLOUDS-Clouds:Cloud Streets:Observations 1694
CIRCULATION-Upper Air:Circulation:Descrip- tion 0282	CLOUDS-Clouds:Conferences 1210
CIRCULATION-Upper Air:Circulation:Forecast- ing 0652	CLOUDS-Clouds:Convection:Condensation/ Coalescence 0772
CIRCULATION-Upper Air:Circulation:Patterns 0417	CLOUDS-Clouds:Convection:Dynamic Analysis 1174, 1191
CIRCULATION-Upper Air:Circulation:Research Programs 1195	CLOUDS-Clouds:Convection:Heated Island 1028
CIRCULATION-Upper Air:Circulation:Statisti- cal Studies 1794	CLOUDS-Clouds:Convection:Research Programs 1767
CIRCULATION-Upper Air:Circulation:Synoptic Analysis 0811	CLOUDS-Clouds:Convection:Stability Scales 0554
CIRCULATION-Upper Air:Circulation:Westward Drift 0415	CLOUDS-Clouds:Cumulus 0549, 0762
	CLOUDS-Clouds:Cumulus:Cloud Shear 0962
	CLOUDS-Clouds:Cumulus:Downdrafts 0694
	CLOUDS-Clouds:Cumulus:Entrainment 0472
	CLOUDS-Clouds:Cumulus:Freezing Level 0705, 0718, 0719
	CLOUDS-Clouds:Cumulus:Hot Towers 1941

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

CLOUDS-Clouds:Cumulus:Models 1983

CLOUDS-Clouds:Cumulus:Modification 1691

CLOUDS-Clouds:Cumulus:Observations 1059,  
1174, 1209, 1544, 2039

CLOUDS-Clouds:Cumulus:Precipitation  
0751

CLOUDS-Clouds:Cumulus:Seeding 0506

CLOUDS-Clouds:Cumulus:Statistical Studies  
1974

CLOUDS-Clouds:Cumulus:Structure 0659

CLOUDS-Clouds:Cumulus:Summaries 1544

CLOUDS-Clouds:Cumulus:Water Content  
1060

CLOUDS-Clouds:Cumulus Towers:Dissipation  
0752

CLOUDS-Clouds:Description 0586

CLOUDS-Clouds:Dimensions 1060

CLOUDS-Clouds:Droplet Size:Sampling  
1066

CLOUDS-Clouds:Forecasting 0346

CLOUDS-Clouds:Gulf Stratus:Forecasting  
0323, 0550, 1077, 1120, 1134,  
1261, 1693, 1866

CLOUDS-Clouds:Height Determination 1644

CLOUDS-Clouds:Models 1209

CLOUDS-Clouds:Modification:Evaluation  
0611, 0735, 1983

CLOUDS-Clouds:Modification:Models 1159

CLOUDS-Clouds:Modification:Research Pro-  
grams 0641, 0892, 1612, 1829

CLOUDS-Clouds:Modification:Seeding 0509,  
0516, 0572, 0592, 0604, 0608,  
0611, 0638, 0639, 0640, 0642,  
0681, 0707, 0735, 0749, 0769,  
0770, 0783, 0815, 0892, 1093,  
1143, 1159, 1160, 1270, 1448,  
1449, 1490, 1562, 1642, 1681,  
1692, 1713, 1743, 1829, 1906,  
1983, 2007

CLOUDS-Clouds:Modification:Summaries  
0777

CLOUDS-Clouds:Movement:Dynamic Analysis  
1938

CLOUDS-Clouds:Movement:Nephoscopes 0115

CLOUDS-Clouds:Observations:Aircraft  
0658, 0659, 0718, 0772, 0899,  
1059, 1066, 1209, 1253, 1273,  
1544, 1590, 1659, 2039

CLOUDS-Clouds:Observations:Classification  
1839

CLOUDS-Clouds:Observations:Photography  
0635, 0693, 0695, 0696, 0699,  
1115, 1210, 1515, 1974, 1977

CLOUDS-Clouds:Observations:Radar 1624,  
1644

CLOUDS-Clouds:Observations:Refractometers  
0899

CLOUDS-Clouds:Observations:Rockets 1518

CLOUDS-Clouds:Observations:Satellites  
1292, 1297, 1346, 1351, 1357,  
1404, 1415, 1416, 1419, 1424,  
1500, 1539, 1571, 1588, 1590,  
1767, 1784, 1862, 1950

CLOUDS-Clouds:Observations:Ship Reports  
1480

CLOUDS-Clouds:Observations:Spacecraft  
2044

CLOUDS-Clouds:Observations:Thermometers  
0899

CLOUDS-Clouds:Particle Collection:Aircraft  
0715

CLOUDS-Clouds:Particle Collection:Descrip-  
tion 0715

CLOUDS-Clouds:Photography:Aircraft 0572,  
1480, 1681

CLOUDS-Clouds:Photography:Satellites  
1409, 1480, 1696, 1712

CLOUDS-Clouds:Precipitation:Forecasting  
1079

CLOUDS-Clouds:Precipitation:Freezing Level  
0705



# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

CLOUDS-Clouds:Precipitation:Observations  
1554

CLOUDS-Clouds:Precipitation:Variations  
0930

CLOUDS-Clouds:Refractive Index:Gradients  
1154

CLOUDS-Clouds:Research Programs 1093,  
1196

CLOUDS-Clouds:Statistical Studies:Frequen-  
cies 0033, 1104, 1223

CLOUDS-Clouds:Statistical Studies:Means  
0186

CLOUDS-Clouds:Summaries 0095, 0110,  
0179, 0437, 0516, 0547, 0592,  
0593, 1223

CLOUDS-Clouds:Temperature:Analysis 1862,  
1863

CLOUDS-Clouds:Temperature:Summaries  
0769

CLOUDS-Clouds:Tropical Whole Sky Code  
1115

CLOUDS-Clouds:Water Content:Observations  
1059, 1068, 1079, 1099

CLOUDS-Clouds:Water Content:Statistical  
Studies 1273

CLOUDS-Clouds:Water Droplets:Movement  
1527

CLOUDS-Clouds:Water Droplets:Observations  
1554

CLOUDS-Clouds:Water Droplets:Soundings  
0715

CLOUDS-Easterly Waves:Clouds:Analysis  
1357, 1812, 1818

CLOUDS-Easterly Waves:Clouds:Classi-  
fication 1434

CLOUDS-Easterly Waves:Clouds:Models  
1493

CLOUDS-Easterly Waves:Clouds:Observations  
1066, 1434, 1483, 1570, 1596,  
1721

CLOUDS-Fronts:Clouds:Observations 0420

CLOUDS-Hurricanes:Clouds 0017

CLOUDS-Hurricanes:Clouds:Cirrus 1941

CLOUDS-Hurricanes:Clouds:Computation  
1593

CLOUDS-Hurricanes:Clouds:Convective Bands  
1411

CLOUDS-Hurricanes:Clouds:Cumulonimbus  
1191

CLOUDS-Hurricanes:Clouds:Modification  
1094, 1562, 1586

CLOUDS-Hurricanes:Clouds:Nephanalysis  
1346, 1804

CLOUDS-Hurricanes:Clouds:Observations  
0421, 0822, 1273, 1392, 1404  
1515, 1784

CLOUDS-Hurricanes:Clouds:Photography  
0448, 0485, 1253

CLOUDS-Hurricanes:Clouds:Spiral Bands  
1010

CLOUDS-Hurricanes:Clouds:Summaries 1217

CLOUDS-Thunderstorms:Clouds:Anvils 1409

CLOUDS-Tornadoes:Clouds:Observations  
1422

CLOUDS-Trade Winds:Clouds:Forecasting  
0845

CLOUDS-Trade Winds:Clouds:Heated Island  
0941

CLOUDS-Trade Winds:Clouds:Observations  
0694, 0696, 0702

CLOUDS-Trade Winds:Clouds:Structure  
0847

CLOUDS-Trade Winds:Clouds:Vertical Motion  
1068

CLOUDS-Tropical Cyclones:Clouds:Convection  
1441, 1889

CLOUDS-Tropical Cyclones:Clouds:Description  
0557

CLOUDS-Tropical Cyclones:Clouds:Dissipation  
1108

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

CLOUDS-Tropical Cyclones:Clouds:Observations 1518

CLOUDS-Tropical Cyclones:Clouds:Patterns 0074

CLOUDS-Tropical Cyclones:Clouds:Water Content 1347

CLOUDS-Tropopause:Clouds:Cloud Heights 1675

CLOUDS-Troposphere:Clouds:Cumulus 0695

CONDENSATION-Condensation:Models 1860

CONDENSATION-Trade Winds:Condensation:Fresh Water Production 1764

CONDENSATION/COALESCENCE-Clouds:Convection:Condensation/Coalescence 0772

CONFLUENCE-Tropical Cyclones:Winds:Confluence 1875

CONVECTION-Clear Air:Convection:Observations 0573

CONVECTION-Clouds:Convection:Condensation/Coalescence 0772

CONVECTION-Clouds:Convection:Dynamic Analysis 1174, 1191

CONVECTION-Clouds:Convection:Heated Island 1028

CONVECTION-Clouds:Convection:Research Programs 1767

CONVECTION-Clouds:Convection:Stability Scales 0554

CONVECTION-Convection:Bénard Cells:Summaries 2045

CONVECTION-Convection:Heated Island 0693, 1503

CONVECTION-Convection:Instability:Analysis 1167

CONVECTION-Convection:Observations:Spacecraft 2045

CONVECTION-Convection:Research Programs 1560

CONVECTION-(see next column)

CONVECTION-Convection:Soundings:Balloons 1503

CONVECTION-Convection:Summaries 0689, 1474, 1502

CONVECTION-Energy Exchange:Convection 1142

CONVECTION-Hurricanes:Convection:Theory 0111

CONVECTION-Intertropical Convergence Zone:Convection:Forecasting 2011

CONVECTION-Precipitation:Convection:Forecasting 0382

CONVECTION-Tropical Cyclones:Clouds:Convection 1441, 1889

CONVECTION-Troposphere:Winds:Convection 0565

CONVERGENCE-Circulation:Convergence:Computation 0536

CONVERGENCE-Thunderstorms:Winds:Convergence 0980

CONVERGENCE-Winds:Convergence:Analysis 1915

CONVERGENCE-Winds:Convergence:Streamline Analysis 1256

COOLING-Radiation:Cooling:Equations 1772

COOLING-Upper Air:Radiation:Cooling 1774

CUMULONIMBUS-Hurricanes:Clouds:Cumulonimbus 1191

CUMULUS-Clouds:Cumulus 0549, 0702

CUMULUS-Clouds:Cumulus:Cloud Shear 0962

CUMULUS-Clouds:Cumulus:Downdrafts 0694

CUMULUS-Clouds:Cumulus:Entrainment 0472

CUMULUS-Clouds:Cumulus:Freezing Level 0705, 0718, 0719

CUMULUS-Clouds:Cumulus:Hot Towers 1941

CUMULUS-Clouds:Cumulus:Models 1983

CUMULUS-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

CUMULUS-Clouds:Cumulus:Modification  
1691

CUMULUS-Clouds:Cumulus:Observations  
1059, 1174, 1209, 1544, 2039

CUMULUS-Clouds:Cumulus:Precipitation  
0751

CUMULUS-Clouds:Cumulus:Seeding 0506

CUMULUS-Clouds:Cumulus:Statistical Studies  
1924

CUMULUS-Clouds:Cumulus:Structure 0659

CUMULUS-Clouds:Cumulus:Summaries 1544

CUMULUS-Clouds:Cumulus:Water Content  
1060

CUMULUS-Cumulus:Observations:Aircraft  
0719

CUMULUS-Cumulus:Observations:Photography  
0993

CUMULUS-Cumulus:Precipitation:Statistical  
Studies 0968

CUMULUS-Trade Winds:Cumulus:Summaries  
0993

CUMULUS-Troposphere:Clouds:Cumulus  
0695

CUMULUS TOWERS-Clouds:Cumulus Towers:Dis-  
sipation 0752

CYCLOGENESIS-Easterly Waves:Cyclogenesis  
0793

CYCLOGENESIS-Easterly Waves:Cyclogenesis:  
Analysis 1818

CYCLOGENESIS-Extratropical Cyclones:Cyclo-  
genesis:Forecasting 0502

CYCLOGENESIS-Fronts:Cyclogenesis:Analysis  
1419

CYCLOGENESIS-Hurricanes:Cyclogenesis  
0358, 0828, 0836, 0932

CYCLOGENESIS-Hurricanes:Cyclogenesis:Analy-  
sis 0303, 0492, 0495,  
0618, 0733, 0766, 0785,  
0792, 0819, 0837, 0855,  
0859, 0995, 1075, 1087,

CYCLOGENESIS-Hurricanes:Cyclogenesis:Analy-  
sis(Cont.) 1245, 1274, 1386,  
1397, 1398, 1548, 1552,  
1592, 1609, 1744, 1747,  
1784, 1787, 1918, 2017,  
2020

CYCLOGENESIS-Hurricanes:Cyclogenesis:De-  
scription 0138, 0378, 0660,  
0871

CYCLOGENESIS-Hurricanes:Cyclogenesis:Dyna-  
mic Analysis 1451

CYCLOGENESIS-Hurricanes:Cyclogenesis:Fore-  
casting 0017, 0084, 0206,  
0276, 0370, 0376, 0674,  
0926, 0935, 0983, 1019,  
1075, 1149, 1150, 1291,  
1318, 1472, 2227

CYCLOGENESIS-Hurricanes:Cyclogenesis:ITCZ  
0793, 0803

CYCLOGENESIS-Hurricanes:Cyclogenesis:Models  
1604

CYCLOGENESIS-Hurricanes:Cyclogenesis:Ship  
Reports 0564

CYCLOGENESIS-Hurricanes:Cyclogenesis:Statistical  
Studies 1350

CYCLOGENESIS-Hurricanes:Cyclogenesis:Sum-  
maries 0763, 0768, 0780,  
1403

CYCLOGENESIS-Hurricanes:Cyclogenesis:Synop-  
tic Analysis 0803, 1304,  
1443

CYCLOGENESIS-Hurricanes:Cyclogenesis:Theory  
(Abercromby) 0155

CYCLOGENESIS-Hurricanes:Cyclogenesis:Thermo-  
dynamic Analysis 1472

CYCLOGENESIS-Pressure:Cyclones:Cyclogenesis  
0473

CYCLOGENESIS-Storms:Cyclogenesis:Analysis  
1571

CYCLOGENESIS-Storms:Cyclogenesis:ITCZ  
0912

CYCLOGENESIS-Tornadoes:Cyclogenesis:Analysis  
1092

CYCLOGENESIS-Trade Winds:Cyclogenesis  
0793

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Analysis 0038, 0314,  
0577, 0667, 1166, 1167,  
1252, 1393, 1401, 1466,  
1785, 1800, 1819, 1856,  
1970

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Forecasting 0382, 0435,  
0698, 0847, 1063, 1239,  
1299, 1370, 1447, 1470,  
1524

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Models 1441, 1445

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Summaries 1511, 1569

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Synoptic Analysis 1082,  
1104

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Theory 0881, 1119

CYCLOGENESIS-Tropical Cyclones:Cyclogene-  
sis:Thickness Analysis  
1470

CYCLOGENESIS-Tropical Fronts:Cyclogenesis:  
Forecasting 0335

CYCLONIC CIRCULATION-Upper Air:Cyclonic  
Circulation 0577

CYCLONIC CIRCULATION-Upper Air:Cyclonic  
Circulation:Analysis  
1246

DAMPING-Upper Air:Pressure:Damping 1755

DEEPENING-Pressure:Lows:Deepening 0450

DEW-Dew:Observations:Dew Blocks(Duudovani)  
1440

DEW-Dew:Observations:Dew Recorders(Picker-  
ing) 0140

DEW-Dew:Summaries 0140, 0585, 1440

DIFFUSION-Winds:Diffusion 0310

DIFFUSION-Winds:Diffusion:Smoke Plumes  
1611

DISSIPATION-Clouds:Cumulus Towers:Dissipa-  
tion 0752

DISSIPATION-Fronts:Dissipation:Description  
0317

DISSIPATION-Hurricanes:Dissipation 0828

DISSIPATION-Hurricanes:Dissipation:Decay  
Rates 0569

DISSIPATION-Hurricanes:Dissipation:Dry Air  
Advection 0277

DISSIPATION-Hurricanes:Energy:Dissipation  
1436

DISSIPATION-Tropical Cyclones:Clouds:Dis-  
sipation 1108

DISSIPATION-Tropical Cyclones:Dissipation  
1431

DIURNAL VARIATIONS-Cloudiness:Diurnal Var-  
iation:Summaries  
0466

DIURNAL VARIATIONS-Nocturnal:Thunderstorms:  
Diurnal Variations  
0575

DIURNAL VARIATIONS-Upper Air:Moisture:  
Diurnal Variations  
0467

DIURNAL VARIATIONS-Upper Air:Pressure:Diur-  
nal Variations 0468

DIURNAL VARIATIONS-Upper Air:Stability:  
Diurnal Variations  
0467

DIURNAL VARIATIONS-Upper Air:Temperature:  
Diurnal Variations  
0468

DIURNAL VARIATIONS-Winds:Land Breezes:  
Diurnal Variations  
0575

DIVERGENCE-Circulation:Divergence:Computa-  
tion 0536

DIVERGENCE-Circulation:Winds:Divergence  
1755

DIVERGENCE-Divergence:Description 0689

DIVERGENCE-Divergence:Statistical Studies:  
Correlations 1623

DIVERGENCE-Winds:Divergence:Analysis  
101, 1021

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

DIVERGENCE-Winds:Divergence:Computation  
1790, 1799, 1891

DIVERGENCE-Winds:Divergence:Streamline  
Analysis 1796

DOWNDRAFT-Clouds:Cumulus:Downdrafts  
1894

DOWNDRAFT-Winds:Downdrafts:Observations  
1906

DRIFT-Ionosphere:Drift:Observations  
1901

DRIFT-Ionosphere:Drift:Variations 1908

DRIFT-Ionosphere:Winds:Drift 1917, 1938

DRY AIR ADVECTION-Hurricanes:Dissipation:  
Dry Air Advection  
1977

EDDIES-Trade Winds:Circulation:Eddies  
1002

ELECTRICAL CHARGES-Precipitation:Proplets:  
Electrical Charges  
1096

ELECTROJET-Ionosphere:Electrojet 1212

ELECTROMAGNETIC ENERGY-Electromagnetic  
Energy:Radio Propagation  
0893

ELECTRON STREAMING-Ionosphere:F-Region:  
Electron Streaming  
1706

ELECTRON STREAMING-Ionosphere:Temperature:  
Electron Streaming  
1929

EM PROPAGATION-Trade Winds:Em Propagation:  
Observations 2225

ENERGY-Air/Sea Interaction:Energy:Budgets  
1934

ENERGY-Easterly Waves:Energy:Budgets  
1493

ENERGY-Easterly Waves:Energy:Computation  
1483

ENERGY-Energy:Air/Sea Interaction:Budgets  
1142

ENERGY-Energy:Heat:Flow 1529, 1596

ENERGY-Energy:Heat Exchange:Computation  
1139

ENERGY-Energy:Heating:Budgets 1478

ENERGY-Energy:Heating:Transport 1949,  
1978

ENERGY-Energy:Latent Heat:Analysis 1114

ENERGY-Energy:Latent Heat:Computation  
1501

ENERGY-Energy:Latent Heat:Flux 1377

ENERGY-Energy:Latent Heat:Transport  
1393

ENERGY-Energy:Momentum:Transport 1902

ENERGY-Energy:Radiation:Infrared 2051

ENERGY-Energy:Radiation:Transmission  
2051

ENERGY-Energy:Radioactive Tracers:Tritium  
1943

ENERGY-Energy:Sensible Heat:Computation  
1501

ENERGY-Energy:Sensible Heat:Flux 1377

ENERGY-Energy:Sensible Heat:Models 1860

ENERGY-Energy:Solar:Summaries 1517

ENERGY-Energy:Statistical Studies:Correla-  
tions 1710

ENERGY-Energy:Transport 1966

ENERGY-Hurricanes:Energy:Air/Sea Interac-  
tion 1302, 1473

ENERGY-Hurricanes:Energy:Analysis 0828

ENERGY-Hurricanes:Energy:Angular Momentum  
1184

ENERGY-Hurricanes:Energy:Budgets 1778

ENERGY-Hurricanes:Energy:Dissipation  
1436

ENERGY-Hurricanes:Energy:Heat Exchange  
1184

ENERGY-Hurricanes:Energy:Heating 1860

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

ENERGY-Hurricanes:Energy:Latent Heat  
0036, 1904

ENERGY-Hurricanes:Energy:Models 1720

ENERGY-Hurricanes:Energy:Surface Effects  
1489

ENERGY-Hurricanes:Energy:Transport 1308

ENERGY-Trade Winds:Energy:Transport  
1298

ENERGY-Tropical Cyclones:Energy:Budgets  
0925

ENERGY-Tropical Cyclones:Energy:Transport  
1431

ENERGY-Troposphere:Energy:Budgets 1636,  
1917

ENERGY-Upper Air:Energy:Observations  
1760

ENERGY-Winds:Energy:Spectral Analysis  
1282

ENERGY EXCHANGE-Energy Exchange:Convection  
1142

ENERGY EXCHANGE-Hurricanes:Energy Exchange:  
Air/Sea Interaction  
0902

ENERGY EXCHANGE-Hurricanes:Energy Exchange:  
Budgets 1249

ENERGY EXCHANGE-Hurricanes:Energy Exchange:  
Computation 1080

ENERGY EXCHANGE-Trade Winds:Energy Exchange:  
Evaporation 0690

ENERGY EXCHANGE-Trade Winds:Energy Exchange:  
Variations 0690

ENTRAINMENT-Clouds:Cumulus:Entrainment  
0472

ENTRAINMENT-Hurricanes:Winds:Entrainment  
1920

ENTRAINMENT-Trade Winds:Entrainment:Models  
0472

ENVIRONMENTAL INFLUENCES-Environmental  
Influences:Aviation  
0244, 0397

ENVIRONMENTAL INFLUENCES-Environmental  
Influences:Har-  
bors 0243

ENVIRONMENTAL INFLUENCES-Environmental In-  
fluences:Human  
Life 0006,  
0060

ENVIRONMENTAL INFLUENCES-Environmental  
Influences:Human  
Life:Diseases  
0061

EQUATORIAL EASTERLIES-Equatorial Easterlies:  
Analogues 0484

EVAPORATION-Evaporation:Statistical Stud-  
ies:Averages 0546

EVAPORATION-Evaporation:Statistical Stud-  
ies:Means 0232, 0914

EVAPORATION-Evaporation:Summaries 0237,  
0459, 0486, 0546, 0547, 0548,  
1002, 1070, 1158, 1180, 1618,  
1619, 1620, 1749, 1750, 1751,  
1752, 1753, 1754, 1894, 1895,  
1896, 1897, 1898, 1899, 2000

EVAPORATION-Evaporation:Theory 0914

EVAPORATION-Evaporation:Variations 0563

EVAPORATION-Trade Winds:Energy Exchange:  
Evaporation 0658

EVAPORATION-Trade Winds:Evaporation:Obser-  
vations 1098

EVAPOTRANSPIRATION-Evapotranspiration  
0587

EVAPOTRANSPIRATION-Evapotranspiration:Com-  
putation:Formula 0560

EVAPOTRANSPIRATION-Evapotranspiration:Obser-  
vations:Atmometers  
0697

EVAPOTRANSPIRATION-Evapotranspiration:Poten-  
tial Observations 0687, 0697

EVAPOTRANSPIRATION-Evapotranspiration:Sta-  
tistical Studies:Correlations  
1710

EVAPOTRANSPIRATION-Evapotranspiration:Sum-  
maries 0560, 1965

FILLING-Hurricanes:Pressure:Filling 1100

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

FILLING-Tropical Cyclones:Pressure: Filling  
1377

FLOW-Energy:Heat:Flow 1525, 1526

FLOW-Trade Winds:Heat Energy:Flow 1430

FLUX-Energy:Latent Heat:Flux 1377

FLUX-Energy:Sensible Heat:Flux 1377

FLUX-Radiation:Infrared:Flux 1320

FOG-Fog:Forecasting 0323, 0346, 0550,  
1261, 1355

FOG-Fog:Statistical Studies:Frequencies  
0273

FOG-Fog:Statistical Studies:Means 0385

FOG-Fog:Summaries 0386, 0453, 1262

FOG-Visibility:Fog:Summaries 0437

FRICTION-Tropical Cyclones:Winds:Friction  
0040

FRCST-Frost:Analysis 0227

FROST-Frost:Summaries 0453, 1095, 1700

FRCST-Frost:Warnings:Services 1095

FUNNEL CLOUDS-Funnel Clouds:Summaries  
1505

GALES-Winds:Gales:Summaries 0273, 0386

GRAVITY WAVES-Gravity Waves:Observations:  
Balloons 1527

GULF STRATUS-Clouds:Gulf Stratus:Forecast-  
ing 0323, 0550, 1077, 1120,  
1134, 1261, 1693, 1866

GULF STRATUS-Gulf Stratus:Forecasting:Eval-  
uation 1685

GULF STRATUS-Gulf Stratus:Statistical Stud-  
ies:Forecasting 1685

HAIL-Hail:Observations 0188

HAIL-Hail:Observations:Photography 1382

HAIL-Hail:Observations:Ships 0375

HAIL-(see next column)

HAIL-Hail:Statistical Studies:Frequencies  
1625

HAIL-Hail:Summaries 1505, 1625

HAIL-Hailstorms:Hail:Descriptions 0123

HAIL-Refractive Index:Hail:Summaries  
1507

HAIL-Storms:Hail:Damage 0375

HAIL-Storms:Hail:Ship Reports 1171

HAIL-Temperature:Hail:Summaries 1507

HAIL-Thunderstorms:Hail:Damage 0320,  
0328

HALOS-Halos:Observations 0571

HEAT-Energy:Heat:Flow 1525, 1526

HEAT ENERGY-Trade Winds:Heat Energy:Flow  
1430

HEAT EXCHANGE-Energy:Heat Exchange:Computa-  
tion 1139

HEAT EXCHANGE-Hurricanes:Energy:Heat Ex-  
change 1184

HEAT FLOW-Trade Winds:Heat Flow:Observa-  
tions 1653

HEAT FLOW-Trade Winds:Heat Flow:Variations  
0970

HEATING-Atmosphere:Heating:Vertical Trans-  
port 0709

HEATING-Energy:Heating:Budgets 1478

HEATING-Energy:Heating:Transport 1949,  
2528

HEATING-Heating:Statistical Studies:Means  
1478

HEATING-Hurricanes:Energy:Heating 1860

HEATING-Ionosphere:Heating:Observations  
1601

HEATING-Ionosphere:Heating:Transport  
1615

HEATING-Trade Winds:Heating 0845

HEATING-Trade Winds:Heating:Budgets  
0934

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

HEATING-Trade Winds:Heating:Research Programs 1429	LATENT HEAT-Easterly Waves:Latent Heat: Computation 1483
HEATING-Troposphere:Heating:Computation 1889	LATENT HEAT-Energy:Latent Heat:Computation 1501
HEATING-Upper Air:Radiation:Heating 1774	LATENT HEAT-Energy:Latent Heat:Flux 1377
HOT TOWERS-Clouds:Cumulus:Hot Towers 1941	LATENT HEAT-Energy:Latent Heat:Transport 1393
ICE-Ice:Description 0033	LATENT HEAT-Hurricanes:Energy:Latent Heat 0036, 1904
INCOHERENT BACKSCATTERING-Ionosphere:Incoherent Backscattering:Observations 1936	LATENT HEAT-Hurricanes:Latent Heat:Analysis 0908
INFRARED-Radiation:Infrared:Flux 1320	LATENT HEAT-Hurricanes:Latent Heat:Computation 1014, 1876
INFRARED-Radiation:Infrared:Observations 1404	LATENT HEAT-Hurricanes:Latent Heat:Transport 1985
INFRARED-Radiation:Infrared:Summaries 1786	LATENT HEAT-Trade Winds:Latent Heat:Transport 0610
INSTABILITY WAVES-Instability Waves: Movement:Forecasting 1175	LATENT HEAT-Tropical Cyclones:Latent Heat: Transport 1802
KINETIC ENERGY-Kinetic Energy:Budgets 1021	LIGHTNING-Lightning:Hazards:Human Life 0032
KINETIC ENERGY-Kinetic Energy:Transport 1139	LIGHTNING-Lightning:Statistical Studies: Frequencies 0032
KINETIC ENERGY-Upper Air:Kinetic Energy: Budgets 1777	LIGHTNING-Lightning:Summaries 0055
LAND BREEZES-Winds:Land Breezes:Description 0168	LIGHTNING-Storms:Lightning:Summaries 0032
LAND BREEZES-Winds:Land Breezes:Diurnal Variations 0575	LUNAR TIDES-Ionosphere:Electron Density: Lunar Tides 1982
LAND BREEZES-Winds:Land Breezes:Research Programs 2010	LUNAR TIDES-Ionosphere:Lunar Tides:Observations 1600
LAND/SEA CIRCULATION-Winds:Land/Sea Circulation 1611	LUNAR TIDES-Lunar Tides:Statistical Studies:Means 1637
LATENT HEAT-(see next column)	MOVEMENT-Air Masses:Movement:Description 0303
	MOVEMENT-Air Masses:Polar:Movement 1510
	MOVEMENT-Circulation Movement:Forecasting 0463
	MOVEMENT-Clouds:Movement:Nephoscopes 0115



# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

MOVEMENT-Clouds:Water Droplets:Movement  
1627

MOVEMENT-Fronts:Movement:Surface Effects  
1023

MOVEMENT-Fronts:Movement:Synoptic Analysis  
1023

MOVEMENT-Hailstorms:Movement:Maps 0112

MOVEMENT-Hurricanes:Eye:Movement 0807,  
1325

MOVEMENT-Hurricanes:Movement:Analysis  
0792, 0903, 0995, 1073, 1514,  
1824, 2040

MOVEMENT-Hurricanes:Movement:Blocking High  
0084, 0766, 0836

MOVEMENT-Hurricanes:Movement:Charts  
0017, 0028, 0030, 0097, 0419,  
0532, 0539

MOVEMENT-Hurricanes:Movement:Classification  
1771, 1973, 1974, 1975

MOVEMENT-Hurricanes:Movement:Computation  
0511

MOVEMENT-Hurricanes:Movement:Description  
0096, 0264, 0287, 0429, 0441,  
0448, 0452, 0470, 0477, 0660

MOVEMENT-Hurricanes:Movement:Forecasting  
0036, 0084, 0175, 0359, 0395,  
0463, 0562, 0589, 0630, 0655,  
0721, 0753, 0822, 0838, 0898,  
0933, 0938, 0949, 0983, 0984,  
1027, 1047, 1101, 1112, 1123,  
1132, 1162, 1188, 1294, 1335,  
1453, 1463, 1514, 1533, 1783,  
1803, 1820, 1824, 1887, 1947,  
1969, 2154, 2157, 2699

MOVEMENT-Hurricanes:Movement:Maps 0113,  
0292, 0487, 0490, 0525

MOVEMENT-Hurricanes:Movement:Observations  
1251, 1258, 1609

MOVEMENT-Hurricanes:Movement:Orographic  
Effects 0343

MOVEMENT-Hurricanes:Movement:Radar 1188,  
1271

MOVEMENT-(see next column)

MOVEMENT-Hurricanes:Movement:Steering  
0938

MOVEMENT-Hurricanes:Movement:Storm Track-  
ing 0511

MOVEMENT-Hurricanes:Movement:Summaries  
0257, 0398, 0399, 0402, 0473,  
0525, 0763, 0951, 1279, 1519

MOVEMENT-Hurricanes:Movement:Surface Ef-  
fects 0481

MOVEMENT-Hurricanes:Movement:Synoptic Anal-  
ysis 0499, 0617, 1268

MOVEMENT-Hurricanes:Movement:Synoptic  
Charts 0947

MOVEMENT-Hurricanes:Movement:Tracks  
0165, 0247, 0557, 0606, 0648,  
0671, 0674, 0743, 0768, 0785,  
0786, 0787, 0794, 0798, 0800,  
0807, 0855, 0856, 0858, 0866,  
0871, 0901, 0909, 0921, 0926,  
0928, 0942, 0979, 0991, 1031,  
1074, 1101, 1129, 1169, 1218,  
1219, 1288, 1305, 1307, 1322,  
1336, 1359, 1384, 1405, 1456,  
1462, 1466, 1488, 1516, 1519,  
1578, 1597, 1651, 1787, 1834,  
1852, 1853, 2046, 2053, 2520

MOVEMENT-Hurricanes:Movement:Variations  
0347, 0819, 1283

MOVEMENT-Instability Waves:Movement:Fore-  
casting 1175

MOVEMENT-Pressure:High:Movement 1482

MOVEMENT-Storms:Movement:Description  
0272

MOVEMENT-Tropical Cyclones:Movement  
0068

MOVEMENT-Tropical Cyclones:Movement:Analy-  
sis 1000

MOVEMENT-Tropical Cyclones:Movement:  
Description 0449

MOVEMENT-Tropical Cyclones:Movement:Fore-  
casting 0199, 0321, 0329, 0418,  
0435, 0652, 0664, 0758, 0841,  
0861, 1216, 1697, 1785

MOVEMENT-Tropical Cyclones:Movement:Isal-  
obaric Gradients 0841

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

MOVEMENT-Tropical Cyclones:Movement:Katalobaric Centers 0841

MOVEMENT-Tropical Cyclones:Movement:Sferics 0326

MOVEMENT-Tropical Cyclones:Movement:Ship Reports 1393

MOVEMENT-Tropical Cyclones:Movement:Summaries 0299, 1219

MOVEMENT-Tropical Cyclones:Movement:Tracks 0618, 0644, 0948, 0975, 1020, 1486, 1537, 1612, 1794, 2171

MOVEMENT-Tropical Cyclones:Movement:Variations 1000

MOVEMENT-Tropopause:Movement:Observations 0565

MOVEMENT-Waterspouts:Movement:Observations 1410

MOVEMENT-Waterspouts:Movement:Tracks 1854

MOVEMENT-Winds:Shear:Movement 1328

ONSHORE-Winds:Onshore:Observations 1527

OSCILLATIONS-Tropical Cyclones:Pressure:Oscillations 0557

PARTICLE FALL-Particle Fall:Summaries 1669

PERTURBATIONS-Circulation:Perturbations:Analysis 0583

PHOTOELECTRON STREAMING-Ionosphere:Photoelectron Streaming 1727

PHOTOELECTRON STREAMING-Ionosphere:Photoelectron Streaming:Observations 1374

POTENTIAL ENERGY-Hurricanes:Potential Energy:Analysis 1860

POTENTIAL EVAPOTRANSPIRATION-Potential Evapotranspiration:Observations 0687, 0697

POTENTIAL EVAPOTRANSPIRATION-(see next column)

POTENTIAL EVAPOTRANSPIRATION-Potential Evapotranspiration:Summaries 1158

PRECIPITATION-Clouds:Cumulus:Precipitation 0751

PRECIPITATION-Clouds:Precipitation:Forecasting 1079

PRECIPITATION-Clouds:Precipitation:Freezing Level 0705

PRECIPITATION-Clouds:Precipitation:Observations 1554

PRECIPITATION-Clouds:Precipitation:Variations 0930

PRECIPITATION-Cumulus:Precipitation:Statistical Studies 0968

PRECIPITATION-Easterlies:Precipitation:Observations 1418

PRECIPITATION-Easterly Waves:Precipitation:Analysis 0207

PRECIPITATION-Easterly Waves:Precipitation:Forecasting 2011

PRECIPITATION-Easterly Waves:Precipitation:Synoptic Analysis 1673

PRECIPITATION Fronts:Precipitation:Observations 0420

PRECIPITATION-Hurricanes:Precipitation:Analysis 0786, 0908

PRECIPITATION-Hurricanes:Precipitation:Blizzards 0075

PRECIPITATION-Hurricanes:Precipitation:Classification 0940, 1974, 1975

PRECIPITATION-Hurricanes:Precipitation:Damage 0714

PRECIPITATION-Hurricanes:Precipitation:Distribution 0257

PRECIPITATION-Hurricanes:Precipitation:Flooding 0754, 0833, 0854, 0871, 1359, 1604, 1972, 2023, 2464, 2719, 2770, 2771

PRECIPITATION-Hurricanes:Precipitation:Isohyets 0138

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

PRECIPITATION-Hurricanes:Precipitation:  
Observations 0083, 0293,  
0518, 0606, 0617, 0632,  
0688, 0787, 0834, 0916,  
1010, 1133, 1204, 1218,  
1249, 1557, 1558, 1627,  
1686

PRECIPITATION-Hurricanes:Precipitation:  
Statistical Studies 0680,  
1014, 1329, 1943, 1972

PRECIPITATION-Hurricanes:Precipitation:Sum-  
maries 0739, 0763, 0855,  
0856, 0986, 1217, 1458,  
1850, 2680

PRECIPITATION-Hurricanes:Precipitation:Syn-  
optic Analysis 1630

PRECIPITATION-Hurricanes:Precipitation:  
Tables 0727, 1050

PRECIPITATION-Hurricanes:Precipitation:  
Variations 0940

PRECIPITATION-Observations:Precipitation:  
Statistical Studies 0869

PRECIPITATION-Precipitation:Analysis  
0502, 0677, 1311, 1521

PRECIPITATION-Precipitation:Budgets  
1477

PRECIPITATION-Precipitation:Charts 0229

PRECIPITATION-Precipitation:Chlorine:Obser-  
vations 0085

PRECIPITATION-Precipitation:Classification  
1782

PRECIPITATION-Precipitation:Convection:  
Forecasting 0382

PRECIPITATION-Precipitation:Droplet Size:  
Distribution 1169

PRECIPITATION-Precipitation:Droplet Size:  
Variations 1017

PRECIPITATION-Precipitation:Droplets:Clas-  
sification 1233

PRECIPITATION-Precipitation:Droplets:Elec-  
trical Charges 1096

PRECIPITATION-(see next column)

PRECIPITATION-Precipitation:Droplets:Size  
Distribution 0930

PRECIPITATION-Precipitation:Droughts:  
Forecasting 0170

PRECIPITATION-Precipitation:Droughts:Sum-  
maries 0170

PRECIPITATION-Precipitation:Flooding:Fore-  
casting 0649, 1069

PRECIPITATION-Precipitation:Flooding:Syn-  
optic Analysis 1026

PRECIPITATION-Precipitation:Forecasting  
0142, 0184, 0290, 0446,  
0702, 0751, 0998, 1150,  
1266, 1506

PRECIPITATION-Precipitation:Intensity  
0392

PRECIPITATION-Precipitation:Intensity:  
Isohyets 0613

PRECIPITATION-Precipitation:Intensity:Sta-  
tistical Studies 0765

PRECIPITATION-Precipitation:Intensity:Sum-  
maries 0232

PRECIPITATION-Precipitation:Isohyets:Charts  
0842

PRECIPITATION-Precipitation:Isohyets:Maps  
0288

PRECIPITATION-Precipitation:Maps 0319,  
0325, 0330, 0422

PRECIPITATION-Precipitation:Mesoscale Anal-  
ysis 1509, 1632, 1638

PRECIPITATION-Precipitation:Modification:  
Heated Island 1388

PRECIPITATION-Precipitation:Modification:  
Seeding 0506, 0509

PRECIPITATION-Precipitation:Mud Rain:De-  
scription 0415

PRECIPITATION-Precipitation:Nitrogen:Obser-  
vations 0085

PRECIPITATION-Precipitation:Observations  
0201, 0606, 0706

PRECIPITATION-Precipitation:Observations:  
Aircraft 0572, 0772

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

- PRECIPITATION-Precipitation:Observations:  
Description 0212, 0443
- PRECIPITATION-Precipitation:Observations:  
Patterns 0637, 1759
- PRECIPITATION-Precipitation:Observations:  
Photography 1631
- PRECIPITATION-Precipitation:Observations:  
Radar 0718, 0719, 0769,  
0998, 1230, 1233, 1240,  
1292, 1295, 1379, 1402,  
1418, 1506, 1556, 1557,  
1558, 1623, 1765, 1926,  
1930
- PRECIPITATION-Precipitation:Observations:  
Rain Gages 0392
- PRECIPITATION-Precipitation:Observations:  
Stations 0548
- PRECIPITATION-Precipitation:Observations:  
Variations 0148
- PRECIPITATION-Precipitation:Rainmaking:Dry  
Ice 0604, 0608
- PRECIPITATION-Precipitation:Rainmaking:  
Evaluation 0608, 0638,  
0639, 0640, 0642, 0681,  
0777, 1093, 1094, 1159,  
1241, 1642
- PRECIPITATION-Precipitation:Rainmaking:Ice  
Crystals 1160
- PRECIPITATION-Precipitation:Rainmaking:  
Research Programs 0641,  
1490, 1612
- PRECIPITATION-Precipitation:Rainmaking:  
Seeding 0770, 0777, 0815
- PRECIPITATION-Precipitation:Rainmaking:  
Silver Iodide 0604, 0608,  
0611, 0707, 1143, 1160
- PRECIPITATION-Precipitation:Rainmaking:Sum-  
maries 0953
- PRECIPITATION-Precipitation:Rainmaking:  
Water Spray 0749, 0892,  
1160
- PRECIPITATION-Precipitation:Rainmaking:  
Water Spraying 0769, 0783
- PRECIPITATION-Precipitation:Sampling:Air-  
craft 0516
- PRECIPITATION-Precipitation:Showers:Freez-  
ing Level 0549
- PRECIPITATION-Precipitation:Showers:Obser-  
vations 0259
- PRECIPITATION-Precipitation:Snow:Statisti-  
cal Studies 1011
- PRECIPITATION-Precipitation:Statistical  
Studies 0049, 0330, 0345,  
1402, 1439
- PRECIPITATION-Precipitation:Statistical  
Studies:Annual Averages  
0128
- PRECIPITATION-Precipitation:Statistical  
Studies:Averages 0116,  
0159, 0162, 0238, 0613,  
1272
- PRECIPITATION-Precipitation:Statistical  
Studies:Classification  
1528
- PRECIPITATION-Precipitation:Statistical  
Studies:Correlations 0142,  
0236, 1759
- PRECIPITATION-Precipitation:Statistical  
Studies:Description 0152
- PRECIPITATION-Precipitation:Statistical  
Studies:Fourier Analysis  
1916
- PRECIPITATION-Precipitation:Statistical  
Studies:Frequencies 0173,  
0437, 0552, 0615, 1009,  
1117, 1534, 1546, 1581,  
1582, 1640, 1788, 1911,  
1921
- PRECIPITATION-Precipitation:Statistical  
Studies:Graphs 0889
- PRECIPITATION-Precipitation:Statistical  
Studies:Harmonic Analysis  
1634
- PRECIPITATION-Precipitation:Statistical  
Studies:Irrigation Maps  
0310
- PRECIPITATION-Precipitation:Statistical  
Studies:Maps 0349

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

PRECIPITATION-Precipitation:Statistical  
 Studies:Means 0081, 0161,  
 0191, 0209, 0232, 0235,  
 0271, 0273, 0279, 0307,  
 0319, 0360, 0385, 0386,  
 0388, 0406, 0422, 0432,  
 0505, 0602, 0603, 0644,  
 1070, 1148, 1394, 1432,  
 1509, 1723, 1841, 2027

PRECIPITATION-Precipitation:Statistical  
 Studies:Normals 0580,  
 0609, 0685

PRECIPITATION-Precipitation:Statistical  
 Studies:Probabilities  
 0553, 0956, 0968, 1656

PRECIPITATION-Precipitation:Statistical  
 Studies:Skewness 1639

PRECIPITATION-Precipitation:Statistical  
 Studies:Standard Deviations  
 1509, 1513

PRECIPITATION-Precipitation:Streamflow:Sum-  
 maries 1508

PRECIPITATION-Precipitation:Summaries  
 0033, 0049, 0055, 0081,  
 0086, 0094, 0110, 0137,  
 0171, 0176, 0179, 0182,  
 0186, 0192, 0194, 0197,  
 0214, 0222, 0237, 0240,  
 0241, 0246, 0279, 0288,  
 0313, 0318, 0354, 0367,  
 0382, 0392, 0401, 0407,  
 0412, 0424, 0431, 0440,  
 0453, 0459, 0486, 0505,  
 0507, 0510, 0515, 0526,  
 0546, 0547, 0548, 0558,  
 0560, 0580, 0585, 0592,  
 0593, 0611, 0624, 0649,  
 0677, 0689, 0712, 0728,  
 0765, 0775, 0829, 0830,  
 0873, 0882, 0889, 0895,  
 0906, 0923, 0928, 0956,  
 0965, 0969, 0988, 1002,  
 1052, 1070, 1081, 1117,  
 1135, 1143, 1152, 1158,  
 1178, 1180, 1207, 1262,  
 1266, 1276, 1280, 1289,  
 1295, 1310, 1358, 1369,  
 1421, 1432, 1465, 1474,  
 1475, 1482, 1505, 1513,  
 1523, 1528, 1534, 1544,  
 1545, 1569, 1612, 1618,  
 1620, 1623, 1634, 1638,  
 1639, 1700, 1725, 1735,

## PRECIPITATION-Precipitation:Summaries (Cont.)

1749, 1750, 1751, 1752,  
 1753, 1754, 1770, 1776,  
 1782, 1788, 1809, 1859,  
 1886, 1894, 1895, 1896,  
 1897, 1898, 1899, 1913  
 1926, 2000, 2252

PRECIPITATION-Precipitation:Variations  
 0209

PRECIPITATION-Precipitation:Variations:  
 Analysis 1421

PRECIPITATION-Precipitation:Variations:  
 Summaries 0121

PRECIPITATION-Precipitation:Warnings:  
 Flooding 0680

PRECIPITATION-Precipitation:Water Droplets:  
 Observations 1951

PRECIPITATION-Rainstorms:Precipitation:  
 Mesoscale Analysis 1765

PRECIPITATION-Storms:Precipitation:Analy-  
 sis 0507, 1176, 1195

PRECIPITATION-Storms:Precipitation:Descrip-  
 tion 0082

PRECIPITATION-Storms:Precipitation:Obser-  
 vations 0907, 1156

PRECIPITATION-Storms:Precipitation:Patterns  
 0649

PRECIPITATION-Storms:Precipitation:Short  
 Duration 0649, 0727

PRECIPITATION-Storms:Precipitation:Summar-  
 ies 1536

PRECIPITATION-Storms:Precipitation:Synop-  
 tic Analysis 1256

PRECIPITATION-Trade Winds:Precipitation:  
 Analysis 1211

PRECIPITATION-Trade Winds:Precipitation:  
 Observations 1098

PRECIPITATION-Trade Winds:Precipitation:  
 Rainmaking 0735

PRECIPITATION-Trade Winds:Precipitation:  
 Summaries 1542, 1776

PRECIPITATION-Trade Winds:Precipitation:  
 Variations 0251

PRECIPITATION-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

PRECIPITATION-Tritium:Precipitation:Rain-out 1991

PRECIPITATION-Tropical Cyclones:Precipitation 0040

PRECIPITATION-Tropical Cyclones:Precipitation:Analysis 1728

PRECIPITATION-Tropical Cyclones:Precipitation:Distribution 0557

PRECIPITATION-Tropical Cyclones:Precipitation:Flooding 1018

PRECIPITATION-Tropical Cyclones:Precipitation:Observations 0975, 1156

PRECIPITATION-Tropical Cyclones:Precipitation:Patterns 0074

PRECIPITATION-Tropical Cyclones:Precipitation:Seiches 2450

PRECIPITATION-Tropical Cyclones:Precipitation:Snow 1012

PRECIPITATION-Tropical Cyclones:Precipitation:Statistical Studies 1524, 1911

PRECIPITATION-Tropical Cyclones:Precipitation:Summaries 0842

PRECIPITATION BANDS-Hurricanes:Precipitation Bands:Analysis 0477, 0736

PRESSURE CHANGE-Pressure Change:Summaries 1262

PROPAGATION-Radio Waves:Propagation:Statistical Studies 1193

RADAR ECHOES-Radar Echoes:Summaries 1624

RADAR PROPAGATION-Climatology:Climates:Radar Propagation 0409

RADIATION-Radiation:Albedo:Observations 1731

RADIATION-Radiation:Cooling:Equations 1772

RADIATION-(see next column)

RADIATION-Radiation:Cosmic Rays:Emulsions 1186

RADIATION-Radiation:Degree Days 0869

RADIATION-Radiation:Infrared:Flux 1320

RADIATION-Radiation:Infrared:Observations 1404

RADIATION-Radiation:Infrared:Summaries 1786

RADIATION-Radiation:Instruments:Bimetallic Actinographs 1116

RADIATION-Radiation:Long Wave:Models 1860

RADIATION-Radiation:Measurements:Radiometers 1356

RADIATION-Radiation:Observations 1150, 1366

RADIATION-Radiation:Observations:Balloons 1105

RADIATION-Radiation:Observations:Radiometers(Suomi-Kuhn) 1316

RADIATION-Radiation:Observations:Radiometersondes 1320, 1786

RADIATION-Radiation:Observations:Satellites 1153, 1588

RADIATION-Radiation:Observations(Skyhook) 1186

RADIATION-Radiation:Radiometers:Aircraft 1071

RADIATION-Radiation:Solar:Absorption 1860

RADIATION-Radiation:Solar:Analysis 1840

RADIATION-Radiation:Solar:Observations 0911, 1192

RADIATION-Radiation:Solar:Radiosondes 0468

RADIATION-Radiation:Solar:Statistical Studies 1116

RADIATION-Radiation:Solar:Summaries 0110, 0453, 0459, 0486, 1192, 2252

RADIATION-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

RADIATION-Radiation:Solar Flares:Gamma  
Emission 1226

RADIATION-Radiation:Solar Flares:Observa-  
tions 1105

RADIATION-Radiation:Solar Flares:Summaries  
1279

RADIATION-Radiation:Statistical Studies:  
Means 1356, 1723

RADIATION-Upper Air:Radiation:Computation  
1786

RADIATION-Upper Air:Radiation:Cooling  
1774

RADIATION-Upper Air:Radiation:Heating  
1774

RADIATION-Upper Air:Radiation:Soundings  
1316

RADIO PROPAGATION-Atmosphere:Radio Propaga-  
tion 0955

RADIO PROPAGATION-Atmosphere:Radio Propaga-  
tion:Scintillations  
0540

RADIO PROPAGATION-Electromagnetic Energy:  
Radio Propagation  
0893

RADIO PROPAGATION-Hurricanes:Radio Propaga-  
tion:Analysis 1825

RADIO PROPAGATION-Ionosphere:Radio Propaga-  
tion:Selective Fading  
1348

RADIO PROPAGATION-Reflection:Observations:  
Radio Propagation  
0954

RAINOUT-Tritium:Precipitation:Rainout  
1991

RECOMBINATION-Ionosphere:F Region:Recombina-  
tion 1672

REFLECTION-Reflection:Observations:Radio  
Propagation 0954

REFRACTION-Atmosphere:Refraction:Analysis  
1631

REFRACTION-Refraction:Observations 0821

REFRACTION-Upper Air:Refraction:Split  
Images 0501

SCATTERING-Atmosphere:Scattering:Lasers  
0610

SCATTERING-Haze:Scattering:C Band Radar  
1740

SCATTERING-Ionosphere:Scattering:Observa-  
tions 1616

SCATTERING-Scattering:Observations:Sound-  
ings 1807

SCATTERING-Upper Air:Scattering:Lasers  
1789

SCINTILLATIONS-Atmosphere:Radio Propaga-  
tion:Scintillations 0540

SCINTILLATIONS-Ionosphere:Scintillations:  
Observations 1535, 1714

SEA BREEZES-Sea Breezes:Models 0791

SEA BREEZES-Sea Breezes:Summaries 1628

SEA BREEZES-Winds:Sea Breezes:Analysis  
0180

SEA BREEZES-Winds:Sea Breezes:Description  
0168

SEA BREEZES-Winds:Sea Breezes:Forecasting  
1990

SEA BREEZES-Winds:Sea Breezes:Mesoscale  
Analysis 2029

SEA BREEZES-Winds:Sea Breezes:Models  
1935, 2028

SEA BREEZES-Winds:Sea Breezes:Observations  
0693, 1628

SEA BREEZES-Winds:Sea Breezes:Research  
Programs 1848, 2010

SEA BREEZES-Winds:Sea Breezes:Variations  
1379

SELECTIVE FADING-Ionosphere:Radio Propaga-  
tion:Selective Fading  
1348

SENSIBLE HEAT-Easterly Waves:Sensible  
Heat:Computation 1483

SENSIBLE HEAT-Energy:Sensible Heat:Compu-  
tation 1501

SENSIBLE HEAT-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

SENSIBLE HEAT-Energy:Sensible Heat:Flux  
1377

SENSIBLE HEAT-Energy:Sensible Heat:Models  
1860

SENSIBLE HEAT-Upper Air:Sensible Heat:  
Transport 1140

SENSIBLE HEAT-Tropical Cyclones:Sensible  
Heat:Transport 1802

SHEAR-Hurricanes:Winds:Shear 1179

SHEAR-Mesosphere:Winds:Shear 1327

SHEAR-Trade Winds:Shear:Observations  
1068

SHEAR-Tropical Cyclones:Winds:Shear  
1470

SHEAR-Upper Air:Winds:Shear 1111, 1245

SHEAR-Winds:Easterlies:Shear 1370

SHEAR-Winds:Shear 0696

SHEAR-Winds:Shear:Analysis 1970

SHEAR-Winds:Shear:Movement 1328

SHEAR-Winds:Shear:Projectiles 1671

SHEAR-Winds:Shear:Summaries 1179

SHEARING STRESS-Winds:Shearing Stress:  
Computation 0629

SHOWERS-Precipitation:Showers:Freezing  
Level 0549

SHOWERS-Precipitation:Showers:Observations  
0259

SNOW-Precipitation:Snow:Statistical Stud-  
ies 1011

SNOW-Snow:Description 0033

SNOW-Snow:Observations 0632

SNOW-Tropical Cyclones:Precipitation:Snow  
1012

SOUND PROPAGATION-Stratosphere:Temperature:  
Sound Propagation 0600

SOUND PROPAGATION-Stratosphere:Winds:Sound  
Propagation 0600

SOUND PROPAGATION-Upper Air:Observations:  
Sound Propagation 0600

SPIRAL BANDS-Hurricanes:Clouds:Spiral Bands  
1010

SPIRAL BANDS-Hurricanes:Spiral Bands:Radar  
1187, 1258

SPLIT IMAGES-Upper Air:Refraction:Split  
Images 0561

SPORADIC E-Ionosphere:Sporadic E:Observa-  
tions 1078, 1655, 1842

SPORADIC E-Ionosphere:Sporadic E:Soundings  
1145

SPORADIC E-Ionosphere:Sporadic E:Summaries  
1145

STEAM FOG-Steam Fog:Analysis 1331

STEERING-Hurricanes:Circulation:Steering  
0463, 0562, 0589

STEERING-Hurricanes:Movement:Steering  
0938

STEERING-Pressure:Blocking High:Steering  
0660

STEERING-Upper Air:Winds:Steering 0321,  
0418

SUBSIDENCE-Hurricanes:Circulation:Subsi-  
dence 1411

SUBSIDENCE-Tropical Cyclones:Winds:Subsi-  
dence 1363

SUBSIDENCE-Winds:Subsidence:Analysis  
1915

SUDDEN IONOSPHERIC DISTURBANCE-Ionosphere:  
Sudden Ionospheric Dis-  
turbance 1105

SURFACE EFFECTS-Air/Sea Interaction:Sur-  
face Effects 2164

SURFACE EFFECTS-Climatology:Clinates:Sur-  
face Effects 0408

SURFACE EFFECTS-Climatology:Surface  
Effects:Volcanism 0412

SURFACE EFFECTS-Fronts:Movement:Surface  
Effects 1023

SURFACE EFFECTS-Hurricanes:Energy:Surface  
Effects 1489



# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

SURFACE EFFECTS-Hurricanes:Movement:Surface Effects 0481

SURFACE EFFECTS-Hurricanes:Pressure:Surface Effects 2772

SURFACE EFFECTS-Hurricanes:Surface Effects 0581, 1658

SURFACE EFFECTS-Hurricanes:Surface Effects:Classification 2383

SURFACE EFFECTS-Hurricanes:Winds:Surface Effects 0866, 1016, 2178, 2388, 2397, 2553, 2626, 2636, 2641, 2642, 2643, 2698, 2747, 2756, 2763, 2854, 2878, 2887, 2888, 2912

SURFACE EFFECTS-Polar Air:Surface Effects 0790

SURFACE EFFECTS-Pressure:Surface Effects 2192, 2583

SURFACE EFFECTS-Storms:Surface Effects 2258

SURFACE EFFECTS-Trade Winds:Surface Effects 2609

SURFACE EFFECTS-Tropical Cyclones:Surface Effects:Microseisms 0457

SURFACE EFFECTS-Tropical Cyclones:Winds:Surface Effects 2226

SURFACE EFFECTS-Winds:Surface Effects 2214, 2262, 2263, 2264, 2280, 2289, 2583, 2659, 2671, 2831, 3057

SURFACE FRICTION-Hurricanes:Winds:Surface Friction 0682, 1214

SURFACE STRESS-Hurricanes:Winds:Surface Stress 1302, 1317, 1494, 1778, 1919

SURFACE STRESS-Surface Stress 1429

SURFACE STRESS-Trade Winds:Surface Stress 1525, 1526, 1653, 2547

SURFACE STRESS-Winds:Surface Stress 1430, 1652

SURFACE STRESS-Winds:Surface Stress:Analysis 2545, 2715

SURFACE STRESS-Winds:Surface Stress:Computation 1055

SURFACE STRESS-Winds:Surface Stress:Observations 0784

SURFACE STRESS-Winds:Surface Stress:Statistical Studies 2238

TERRESTRIAL RADIATION-Terrestrial Radiation:Summaries 2532

THUNDER-Thunder:Summaries 0055

TRANSPORT-Aerosols:Fauna:Transport 0310

TRANSPORT-Circulation:Angular Momentum:Transport 1139

TRANSPORT-Energy:Heating:Transport 1949, 2528

TRANSPORT-Energy:Kinetic:Transport 1139

TRANSPORT-Energy:Latent Heat:Transport 1393

TRANSPORT-Energy:Momentum:Transport 1902

TRANSPORT-Energy:Transport 1966

TRANSPORT-Hurricanes:Angular Momentum:Transport 1248

TRANSPORT-Hurricanes:Energy:Transport 1308

TRANSPORT-Hurricanes:Latent Heat:Transport 1985

TRANSPORT-Hurricanes:Moisture:Transport 1184

TRANSPORT-Hurricanes:Momentum:Transport 1302, 1543, 1778

TRANSPORT-Ionosphere:Heating:Transport 1615

TRANSPORT-Kinetic Energy:Transport 1139

TRANSPORT-Moisture:Winds:Transport 1538

TRANSPORT-Northern:Viable Organisms:Transport 1332

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

TRANSPORT-Pollution:Winds:Transport  
1963

TRANSPORT-Temperature:Transport:Summaries  
2239

TRANSPORT-Trade Winds:Aerosols:Transport  
0296

TRANSPORT-Trade Winds:Energy:Transport  
1298

TRANSPORT-Trade Winds:Latent Heat:Transport  
0610

TRANSPORT-Trade Winds:Momentum:Transport  
1298

TRANSPORT-Tropical Cyclones:Latent Heat:  
Transport 1802

TRANSPORT-Tropical Cyclones:Momentum:  
Transport 1802

TRANSPORT-Tropical Cyclones:Sensible Heat:  
Transport 1802

TRANSPORT-Troposphere:Momentum:Transport  
1606

TRANSPORT-Troposphere:Water Vapor:Transport  
1635

TRANSPORT-Upper Air:Sensible Heat:Transport  
1140

TRANSPORT-Upper Air:Water Vapor:Transport  
1140, 1775

TRANSPORT-Water Vapor:Transport 1678

TRANSPORT-Water Vapor:Transport:Budgets  
1817

TRANSPORT-Winds:Angular Momentum:Transport  
1282

TRANSPORT-Winds:Turbulence:Transport  
1966

TURBULENCE-Ionosphere:Turbulence:Observa-  
tions 1345

TURBULENCE-Ionosphere:Winds:Turbulence  
1520

TURBULENCE-Trade Winds:Mass Exchange:  
Turbulence 0610

TURBULENCE-Trade Winds:Turbulence:Medium  
Scale 0722

TURBULENCE-Trade Winds:Turbulence:Varia-  
tions 0488

TURBULENCE-Turbulence:Clear Air:Observa-  
tions 0488

TURBULENCE-Turbulence:Observations:Air-  
craft 0722, 0962, 1646, 1880

TURBULENCE-Upper Air:Turbulence:Forecast-  
ing 1880

TURBULENCE-Winds:Turbulence:Transport  
1966

VARIATIONS-Circulation:Variations:Summar-  
ies 0650

VARIATIONS-Clouds:Precipitation:Variations  
0930

VARIATIONS-Cosmic Rays:Intensity:Variations  
0967

VARIATIONS-Easterly Waves:Pressure:Varia-  
tions 0559

VARIATIONS-Evaporation:Variations 0563

VARIATIONS-Humidity:Variations 0543,  
0941

VARIATIONS-Hurricanes:Intensity:Variations  
1100

VARIATIONS-Hurricanes:Movement:Variations  
0347, 0819, 1283

VARIATIONS-Hurricanes:Precipitation:Varia-  
tions 0940

VARIATIONS-Hurricanes:Solar Constant:  
Variations 0479

VARIATIONS-Ionosphere:Drift:Variations  
0958

VARIATIONS-Ionosphere:F2 layer:Variations  
1221

VARIATIONS-Ionosphere:F2 Region:Variations  
1110

VARIATIONS-Ionosphere:Variations:Nuclear  
Explosions 1349

VARIATIONS-Nuclei:Variations 0737

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

VARIATIONS-Precipitation:Droplet Size:  
Variations 1017

VARIATIONS-Precipitation:Observations:  
Variations 0148

VARIATIONS-Precipitation:Variations  
0209

VARIATIONS-Precipitation:Variations:Analy-  
sis 1421

VARIATIONS-Precipitation:Variations:Sum-  
maries 0121

VARIATIONS-Pressure:Observations:Varia-  
tions 0148, 0356, 0413

VARIATIONS-Pressure:Variations 0372,  
1252

VARIATIONS-Stratosphere:Momentum:Variations  
1313

VARIATIONS-Stratosphere:Temperature:Vari-  
ations 1275, 1312, 1313

VARIATIONS-Stratosphere:Winds:Variations  
1269, 1275, 1312

VARIATIONS-Trade Winds:Energy Exchange:  
Variations 0690

VARIATIONS-Trade Winds:Heat Flow:Variations  
0970

VARIATIONS-Trade Winds:Moisture:Variations  
0488

VARIATIONS-Trade Winds:Precipitation:Vari-  
ations 0251

VARIATIONS-Trade Winds:Temperature:Vari-  
ations 0488

VARIATIONS-Trade Winds:Turbulence:Varia-  
tions 0488

VARIATIONS-Trade Winds:Variations 0038,  
0251

VARIATIONS-Trade Winds:Variations:Cross-  
Sections 0256

VARIATIONS-Trade Winds:Variations:Long  
Period 0136

VARIATIONS-Trade Winds:Velocity:Variations  
0601

VARIATIONS-Tropical Cyclones:Movement:  
Variations 1000

VARIATIONS-Tropical Cyclones:Pressure:  
Variations 1234

VARIATIONS-Upper Air:Pressure:Variations  
0462

VARIATIONS-Upper Air:Temperature:Variations  
0464, 0927

VARIATIONS-Upper Air:Winds:Variations  
0536, 0675, 1260

VARIATIONS-Winds:Geostrophic:Variations  
0643

VARIATIONS-Winds:Sea Breezes:Variations  
1379

VENTILATION-Hurricanes:Winds:Ventilation  
1038, 1249

VERTICAL COUPLING-Hurricanes:Circulation:  
Vertical Coupling  
1679

VERTICAL MOTION-Easterly Waves:Winds:Ver-  
tical Motion 1182, 1856,  
1857

VERTICAL MOTION-Hurricanes:Winds:Vertical  
Motion 1015, 1021

VERTICAL MOTION-Trade Winds:Clouds:Verti-  
cal Motion 1068

VERTICAL MOTION-Upper Air:Winds:Vertical  
Motion 1932

VERTICAL MOTION-Waterspouts:Winds:Vertical  
Motion 1067

VERTICAL MOTION-Winds:Vertical Motion:Com-  
putation 1851

VERTICAL MOTION-Winds:Vertical Motion:  
Observations 1059

VERTICAL TRANSPORT-Atmosphere:Heating:  
Vertical Transport  
0709

VERTICAL TRANSPORT-Trade Winds:Momentum:  
Vertical Transport  
0781

VERTICAL WINDS-Vertical Winds:Computation  
1795

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

- WAVES-Trade Winds:Waves:Models 1499
- WAVES-Waves:Electromagnetic:Observations 0823
- WESTWARD DRIFT-Upper Air:Circulation:Westward Drift 0115
- WINDS-Circulation:Winds:Divergence 1755
- WINDS-Easterly Waves:Winds:Analysis 1812, 1818
- WINDS-Easterly Waves:Winds:Damage 1241
- WINDS-Easterly Waves:Winds:Vertical Motion 1182, 1856, 1857
- WINDS-Easterly Waves:Winds:Vorticity 1857
- WINDS-Hurricanes:Winds:Advection 1038
- WINDS-Hurricanes:Winds:Air/Sea Interaction 0734, 1494, 1549, 1985, 2505
- WINDS-Hurricanes:Winds:Analysis 0785, 0983, 1083, 1274, 1592, 2382
- WINDS-Hurricanes:Winds:Building Design 0835
- WINDS-Hurricanes:Winds:Charts 0017, 1462
- WINDS-Hurricanes:Winds:Classification 0239, 2714
- WINDS-Hurricanes:Winds:Computation 1306, 1412
- WINDS-Hurricanes:Winds:Damage 0210, 0293, 0714
- WINDS-Hurricanes:Winds:Description 0257, 0441
- WINDS-Hurricanes:Winds:Divergence 1015, 1021
- WINDS-Hurricanes:Winds:Entrainment 1920
- WINDS-Hurricanes:Winds:Equations of Motion 0682
- WINDS-Hurricanes:Winds:Force 0028
- WINDS-Hurricanes:Winds:Forecasting 0036, 0646, 1112
- WINDS-Hurricanes:Winds:Geostrophic Analysis 0683
- WINDS-Hurricanes:Winds:Isotachs 1151
- WINDS-Hurricanes:Winds:Kinematic Analysis 0750
- WINDS-Hurricanes:Winds:Models 1015, 1397, 1532, 2376
- WINDS-Hurricanes:Winds:Observations 0083, 0470, 0518, 0521, 0606, 0632, 0787, 0797, 0814, 0983, 1097, 1099, 1163, 1204, 1205, 1218, 1329, 1549, 1597, 1732
- WINDS-Hurricanes:Winds:Patterns 0310
- WINDS-Hurricanes:Winds:Shear 1179
- WINDS-Hurricanes:Winds:Streamline Analysis 1747
- WINDS-Hurricanes:Winds:Structural Loading 0835
- WINDS-Hurricanes:Winds:Summaries 0206, 0249, 0398, 0399, 0419, 0555, 0763, 0856, 0951, 0986, 1217, 1428, 1458, 2506, 2576
- WINDS-Hurricanes:Winds:Surface Effects 0866, 1016, 2178, 2388, 2397, 2494, 2553, 2626, 2636, 2641, 2642, 2643, 2698, 2747, 2756, 2763, 2854, 2878, 2887, 2888, 2912
- WINDS-Hurricanes:Winds:Surface Friction 0682, 1214
- WINDS-Hurricanes:Winds:Surface Stress 1302, 1317, 1494, 1778, 1919
- WINDS-Hurricanes:Winds:Synoptic Analysis 0022, 1338
- WINDS-Hurricanes:Winds:Tables 0452
- WINDS-Hurricanes:Winds:Ventilation 1038, 1249
- WINDS-Hurricanes:Winds:Vertical Motion 1015, 1021
- WINDS-Hurricanes:Winds:Vorticity 1015, 1392
- WINDS-Ionosphere:Winds:Contouring 1806
- WINDS-Ionosphere:Winds:Drift 1417, 1688
- WINDS-Ionosphere:Winds:Observations 1345, 1589, 2035

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

WINDS-Ionosphere:Winds:Statistical Studies 1520	WINDS-Thunderstorms:Winds:Damage 0320
WINDS-Ionosphere:Winds:Turbulence 1520	WINDS-Tornadoes:Winds:Summaries 1908
WINDS-Ionosphere:Winds:Velocity 1417	WINDS-Trade Winds:Winds:Damage 1241
WINDS-Mesosphere:Winds:Shear 1327	WINDS-Tropical Cyclones:Winds:Analysis 1151, 1363
WINDS-Moisture:Winds:Transport 1538	WINDS-Tropical Cyclones:Winds:Confluence 1875
WINDS-Northers:Winds:Analysis 0382	WINDS-Tropical Cyclones:Winds:Description 0557
WINDS-Northers:Winds:Description 0187	WINDS-Tropical Cyclones:Winds:Friction 0040
WINDS-Northers:Winds:Disasters 0167	WINDS-Tropical Cyclones:Winds:Observations 0630, 1309
WINDS-Northers:Winds:Forecasting 0167	WINDS-Tropical Cyclones:Winds:Profiles 1006
WINDS-Northers:Winds:Observations 1551	WINDS-Tropical Cyclones:Winds:Shear 1470
WINDS-Northers:Winds:Pilot Guides 0231	WINDS-Tropical Cyclones:Winds:Streamline Analysis 1796
WINDS-Northers:Winds:Statistical Studies 2307	WINDS-Tropical Cyclones:Winds:Structure 0840
WINDS-Northers:Winds:Summaries 0206, 0391	WINDS-Tropical Cyclones:Winds:Subsidence 1363
WINDS-Pollution:Winds:Transport 1963	WINDS-Tropical Cyclones:Winds:Surface 0630
WINDS-Storms:Winds:Analysis 1176, 1195	WINDS-Tropical Cyclones:Winds:Surface Effects 2226
WINDS-Storms:Winds:Observations 0272	WINDS-Troposphere:Winds:Convection 0565
WINDS-Stratosphere:Winds:Analysis 1066, 1247	WINDS-Upper Air:Winds:Analysis 0618, 0668, 0741, 0964, 1469, 1875
WINDS-Stratosphere:Winds:Jet Stream 1801	WINDS-Upper Air:Winds:Charts 0523, 0594
WINDS-Stratosphere:Winds:Observations 0528	WINDS-Upper Air:Winds:Contour Charts 0704
WINDS-Stratosphere:Winds:Sound Propagation 0600	WINDS-Upper Air:Winds:Forecasting 1259
WINDS-Stratosphere:Winds:Synoptic Analysis 1157	WINDS-Upper Air:Winds:Jet Stream 0704
WINDS-Stratosphere:Winds:Variations 1269, 1275, 1312	WINDS-Upper Air:Winds:Measurements 0195, 0215, 0216
WINDS-Stratosphere:Winds:Velocities 0669	WINDS-Upper Air:Winds:Observations 0699, 0710, 1598, 1890, 1891, 1892, 1952, 2028
WINDS-Surface:Winds:Differential Analysis 1469, 1858	
WINDS-Thunderstorms:Winds:Convergence 0980	

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

WINDS-Upper Air:Winds:Patterns	0859	WINDS-Winds:Convergence:Analysis	1915
WINDS-Upper Air:Winds:Services	0789	WINDS-Winds:Convergence:Streamline Analysis	1256
WINDS-Upper Air:Winds:Shear	1111, 1245	WINDS-Winds:Cross Sections:Analysis	0704
WINDS-Upper Air:Winds:Soundings	0556	WINDS-Winds:Description	0011
WINDS-Upper Air:Winds:Steering	0321, 0418	WINDS-Winds:Design Data	0521
WINDS-Upper Air:Winds:Streamline Analysis	0495	WINDS-Winds:Diffusion	0310
WINDS-Upper Air:Winds:Summaries	0308, 0474, 0637, 0675, 0757, 0977, 0978, 1085, 1179, 1276, 1400, 1654, 1671, 1797	WINDS-Winds:Diffusion:Smoke Plumes	1611
WINDS-Upper Air:Winds:Synoptic Analysis	1439, 2015	WINDS-Winds:Directions:Synoptic Analysis	1134
WINDS-Upper Air:Winds:Tables	1008	WINDS-Winds:Divergence:Analysis	1375
WINDS-Upper Air:Winds:Variations	0536, 0675, 1260	WINDS-Winds:Divergence:Computation	1290, 1795, 1851
WINDS-Upper Air:Winds:Vertical Motion	1932	WINDS-Winds:Divergence:Streamline Analysis	1256
WINDS-Upper Air:Winds:Vorticity	1327	WINDS-Winds:Downdrafts:Observations	1966
WINDS-Upper Air:Winds:Westerlies	1358	WINDS-Winds:Dynamic Analysis	0904
WINDS-Waterspouts:Winds:Summaries	1908	WINDS-Winds:Easterlies:Shear	1370
WINDS-Waterspouts:Winds:Vertical Motion	1067	WINDS-Winds:Eddy Viscosity:Computation	0629
WINDS-Winds:Air/Sea Interaction	0064, 0599	WINDS-Winds:Energy:Spectral Analysis	1282
WINDS-Winds:Analysis	0370, 0654, 0977, 1177, 2014	WINDS-Winds:Forecasting	0654, 0999
WINDS-Winds:Analysis:Data Processing	1799	WINDS-Winds:Forecasting:Evaluation	1849
WINDS-Winds:Analysis:Isotachs	0929	WINDS-Winds:Friction Velocity:Computation	1055
WINDS-Winds:Analysis:Streamlines	0929	WINDS-Winds:Gales:Summaries	0273, 0386
WINDS-Winds:Analysis:Time Cross Sections	0802	WINDS-Winds:Geostrophic:Variations	0643
WINDS-Winds:Angular Momentum:Transport	1232	WINDS-Winds:Gusts:Analysis	1880
WINDS-Winds:Computation	1851, 2013	WINDS-Winds:Instability:Analysis	1292, 1367
		WINDS-Winds:Instability:Mesoscale Analysis	1632, 1909
		WINDS-Winds:Instability:Patterns	1400

# METEOROLGY SUBJECT INDEX

## PROCESSES-(Cont.)

WINDS-Winds:Instability:Synoptic Analysis 1631	WINDS-Winds:Observations:Unmanned Stations (NOMAD) 1939
WINDS-Winds:Jet Stream:Analysis 0964	WINDS-Winds:Onshore:Observations 1527
WINDS-Winds:Jet Stream:Summaries 0935	WINDS-Winds:Resistance Coefficients:Com- putation 1055
WINDS-Winds:Land Breezes:Description 0168	WINDS-Winds:Roughness Parameters:Computa- tion 1055
WINDS-Winds:Land Breezes:Diurnal Variations 0515	WINDS-Winds:Salt Spray 0428
WINDS-Winds:Land Breezes:Research Programs 2010	WINDS-Winds:Sea Breezes:Analysis 0180
WINDS-Winds:Land/Sea Circulation 1611	WINDS-Winds:Sea Breezes:Description 0168
WINDS-Winds:Mesoscale Analysis 1506	WINDS-Winds:Sea Breezes:Forecasting 1990
WINDS-Winds:Modification 1270	WINDS-Winds:Sea Breezes:Mesoscale Analysis 2029
WINDS-Winds:Observations 0166, 0173	WINDS-Winds:Sea Breezes:Models 1935, 2028
WINDS-Winds:Observations:Aircraft 0629, 0693, 1309, 1549, 1660, 2041	WINDS-Winds:Sea Breezes:Observations 0693, 1628
WINDS-Winds:Observations:Anemometers 0662	WINDS-Winds:Sea Breezes:Research Programs 1848, 2010
WINDS-Winds:Observations:Balloons 1525	WINDS-Winds:Sea Breezes:Variations 1379
WINDS-Winds:Observations:Insect Migration 0158	WINDS-Winds:Shear 0696
WINDS-Winds:Observations:Profiles 1055	WINDS-Winds:Shear:Analysis 1970
WINDS-Winds:Observations:Projectiles 1806, 1890, 1891, 1892, 1952	WINDS-Winds:Shear:Movement 1328
WINDS-Winds:Observations:Rawin 1006	WINDS-Winds:Shear:Projectiles 1671
WINDS-Winds:Observations:Rockets 1801	WINDS-Winds:Shear:Summaries 1179
WINDS-Winds:Observations:Ship Reports 0959, 0999	WINDS-Winds:Shearing Stress:Computation 0629
WINDS-Winds:Observations:Summaries 1413	WINDS-Winds:Statistical Studies 0344, 0817
WINDS-Winds:Observations:Texas Towers 1314	WINDS-Winds:Statistical Studies:Averages 0159, 0295, 0384, 0437, 0684, 0999, 1203, 1262, 1393, 2027
WINDS-(see next column)	WINDS-Winds:Statistical Studies:Correla- tions 0285
	WINDS-Winds:Statistical Studies:Frequencies 0206, 0271, 0428, 0475, 0547, 1178, 1640

# METEOROLOGY SUBJECT INDEX

## PROCESSES-(Cont.)

WINDS-Winds:Statistical Studies:Means  
0152, 0276, 0386, 0406, 0510, 0710,  
1015, 1142, 1381, 1723, 1990

WINDS-Winds:Statistical Studies:Standard  
Deviations 0523, 1155

WINDS-Winds:Statistical Studies:Wind Roses  
0380, 0473, 0475, 0523, 0556, 0593,  
1563

WINDS-Winds:Stream Function:Computation  
1798

WINDS-Winds:Streamlines:Analysis 1026,  
1424

WINDS-Winds:Streamlines:Charts 0523

WINDS-Winds:Subsidence:Analysis 1915

WINDS-Winds:Summaries 0086, 0094, 0095,  
0110, 0129, 0186, 0194, 0209, 0237,  
0276, 0318, 0380, 0384, 0412, 0453,  
0459, 0486, 0546, 0547, 0553, 0568,  
0585, 0592, 0603, 0615, 0688, 0689,  
0740, 0817, 0830, 0844, 0906, 0939,  
1070, 1158, 1203, 1225, 1314, 1530,  
1569, 1606, 1611, 1618, 1619, 1620,  
1648, 1669, 1745, 1749, 1750, 1751,  
1752, 1753, 1754, 1809, 1894, 1895,  
1896, 1897, 1898, 1899, 2000, 2115,  
2144, 2239, 2251, 2252, 2420, 2568,  
2613, 2670, 2920

WINDS-Winds:Surface:Analysis 0428

WINDS-Winds:Surface:Statistical Studies  
0977

WINDS-Winds:Surface Effects 2214, 2262,  
2263, 2264, 2280, 2289, 2583, 2659,  
2671, 2831, 3057

WINDS-Winds:Surface Stress 1430, 1652

WINDS-Winds:Surface Stress:Analysis  
2545, 2715

WINDS-Winds:Surface Stress:Computation  
1055

WINDS-Winds:Surface Stress:Observations  
0784

WINDS-Winds:Surface Stress:Statistical  
Studies 0634, 2238

WINDS-Winds:Turbulence:Transport 1966

WINDS-Winds:Upper Air:Analysis 0342

WINDS-Winds:Velocity:Observations 1953

WINDS-Winds:Velocity:Summaries 0219

WINDS-Winds:Velocity Potential:Computation  
1798

WINDS-Winds:Vertical:Computation 1795

WINDS-Winds:Vertical Motion:Computation  
1851

WINDS-Winds:Vertical Motion:Observations  
1059

WINDS-Winds:Vertical Velocity 1659

WINDS-Winds:Vorticity:Budgets 1958,  
1966

WINDS-Winds:Vorticity:Computation 1795,  
1851

WINDS-Winds:Vorticity:Kinematic Analysis  
0709

## PROPERTIES-Absolute Humidity, etc.

ABSOLUTE HUMIDITY-Absolute Humidity:Obser-  
vations 1957

ANGULAR MOMENTUM-Circulation:Angular Momen-  
tum:Transport 1139

ANGULAR MOMENTUM-Hurricanes:Angular Momen-  
tum:Transport 1248

ANGULAR MOMENTUM-Hurricanes:Energy:Angular  
Momentum 1184

ANGULAR MOMENTUM-Trade Winds:Circulation:  
Angular Momentum 1022

ANGULAR MOMENTUM-Tropical Cyclones:Angular  
Momentum:Budgets 0925

ANGULAR MOMENTUM-Winds:Angular Momentum:  
Transport 1282

ANOMALIES-Ionosphere:Equatorial Belt:  
Anomalies 1110

ANVILS-Thunderstorms:Clouds:Anvils 1409

ARCTIC-Air Masses:Arctic 0698

BALANCE-(see next page)



# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

BALANCE-Humidity:Balance:Computation  
0587

BAROCLINIC INSTABILITY-Hurricanes:Baroclinic Instability  
1451

BAROCLINICITY-Atmosphere:Baroclinicity: Models 1401

BAROTROPIC INSTABILITY-Hurricanes:Barotropic Instability  
1451

BAROTROPY-Atmosphere:Barotropy:Models  
1401

BAROTROPY-Forecasting:Barotropy:Models  
2014

BAROTROPY-Hurricanes:Barotropy:Models  
1969

BAROTROPY-Pressure:Barotropy Models  
1849

BAROTROPY-Upper Air:Barotropy:Forecasting  
0811

BÉNARD CELLS-Convection:Bénard Cells:Summaries 2045

BLOCKING HIGH-Hurricanes:Movement:Blocking High 0084, 0766, 0836

BLOCKING HIGH-Pressure:Blocking High:Steering 0660

CEILINGS-Cloudiness:Ceilings:Summaries  
0553

CELLS-Trade Winds:Cells 0538

CLEAR AIR-Clear Air:Convection:Observations  
0573

CLEAR AIR-Turbulence:Clear Air:Observations  
0488

CLOUD HEIGHTS-Clouds:Cloud Heights:Modification 1713

CLOUD HEIGHTS-Thunderstorms:Cloud Heights: Summaries 1662

CLOUD HEIGHTS-Tropopause:Clouds:Cloud Heights 1675

CLOUD SHEAR-(see next column)

CLOUD SHEAR-Clouds:Cumulus:Cloud Shear  
0962

CLOUD SYSTEMS-Cloud Systems:Summaries  
1539

CLOUDINESS-Cloudiness:Ceilings:Summaries  
0553

CLOUDINESS-Cloudiness:Diurnal Variations: Summaries 0466

CLOUDINESS-Cloudiness:Observations:Satellites 1231

CLOUDINESS-Cloudiness:Observations:Ship Reports 0666

CLOUDINESS-Cloudiness:Statistical Studies: Averages 0159

CLOUDINESS-Cloudiness:Statistical Studies: Description 0152

CLOUDINESS-Cloudiness:Statistical Studies: Frequencies 0385, 1640

CLOUDINESS-Cloudiness:Statistical Studies: Means 0205, 0406, 1381

CLOUDINESS-Cloudiness:Summaries 0182, 0219, 0237, 0307, 0431, 0510, 0585, 0591, 0615, 0624, 0688, 0939, 2251, 2373

COLD LOW-Pressure:Cold Low:Analysis  
1730

COLD LOW-Pressure:Cold Low:Forecasting  
1622

COLD LOW-Pressure:Cold Low:Summaries  
1622

COLD WAVES-Temperature:Cold Waves 0187, 1020

COLD WAVES-Temperature:Cold Waves:Fish Kill 0071, 0153, 0309, 0340, 0352, 0355

COLD WAVES-Temperature:Cold Waves:Summaries  
0223

COMPOSITION-Ionosphere:Composition:Observations 2034

CONDITIONAL INSTABILITY-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

CONDITIONAL INSTABILITY-Thunderstorms:  
Conditional Insta-  
bility 0980

CONVECTION CELLS-Convection Cells:Observa-  
tions:Aircraft 0488

CONVECTION CELLS-Convection Cells:Observa-  
tions:Satellites 1231

CONVECTION CELLS-Trade Winds:Convection  
Cells 0693

CONVECTION CELLS-Trade Winds:Convection  
Cells:Persistence 0573

CONVECTIVE BANDS-Hurricanes:Clouds:Convec-  
tive Bands 1411

CONVECTIVE INSTABILITY-Hurricanes:Convec-  
tive Instability  
1451

DENSITY-Density:Analysis 0929

DENSITY-Density:Observations:Lasersondes  
1877

DENSITY-Density:Observations:Summaries  
1413

DENSITY-Upper Air:Density:Observations  
1877

DENSITY-Upper Air:Density:Statistical Stud-  
ies 1091, 1111, 1121

DEW POINT-Dew Point:Statistical Studies:  
Averages 1393

DEW POINT-Dew Point:Statistical Studies:  
Means 1381

DEW POINT-Dew Point:Summaries 0095,  
0110, 0688, 1107, 1175

DEW POINT-Trade Winds:Dew Point:Profiles  
1476

DISTRIBUTION-Hurricanes:Precipitation:  
Distribution 0257

DISTRIBUTION-Precipitation:Droplet Size:  
Distribution 1169

DISTRIBUTION-Trade Winds:Humidity:Distribu-  
tion 0610

DISTRIBUTION-(see next column)

DISTRIBUTION-Trade Winds:Temperature:Dis-  
tribution 0610

DISTRIBUTION-Tropical Cyclones:Precipita-  
tion:Distribution 0557

DISTRIBUTION-Tropical Cyclones:Pressure:  
Distribution 0074

DOUBLE EYE-Hurricanes:Double Eye:Observa-  
tions 0474, 1236, 1237

DRIFT VELOCITY-Ionosphere:Drift Velocity:  
Observations 1221

DROPLET SIZE-Clouds:Droplet Size:Sampling  
1066

DROPLET SIZE-Precipitation:Droplet Size:  
Distribution 1169

DROPLET SIZE-Precipitation:Droplet Size:  
Variations 1017

DROUGHT-Climatology:Climates:Drought  
1009, 1289, 1358

DROUGHT-Climatology:Drought:Summaries  
1725, 1996

DROUGHT-Drought:Forecasting 0825

DROUGHT-Drought:Summaries 0829

DROUGHT-Drought:Synoptic Analysis 0825

DROUGHT-Precipitation:Drought:Forecasting  
0170

DROUGHT-Precipitation:Drought:Summaries  
0170

LEY-Maritime Air:Dry 0348

DRY ADIABATIC-Layers:Temperature:Dry Adia-  
batic 0595

EDDY VISCOSITY-Winds:Eddy Viscosity:Compu-  
tation 0629

ELECTRICITY-Electricity:Potential Gradients:  
Observations 1368

ELECTRICITY-Thunderstorms:Electricity:Obser-  
vations 1039

ELECTRON CONTENT-Ionosphere:Electron Con-  
tent:Faraday Rotation  
1768

ELECTRON DENSITY-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

ELECTRON DENSITY-Ionosphere:E Region:Electron Density 1656

ELECTRON DENSITY-Ionosphere:Electron Density:Computation 1214

ELECTRON DENSITY-Ionosphere:Electron Density:Lunar Tides 1982

ELECTRON DENSITY-Ionosphere:Electron Density:Observations 1600, 1603, 1605, 1615, 1656, 1936, 1982

ELECTRON DENSITY-Ionosphere:F Region:Electron Density 1437, 1689, 1964

ELECTRON TEMPERATURE-Ionosphere:Electron Temperature:Observations 1603, 1615, 1727, 1929

ELECTRON TEMPERATURE-Ionosphere:F Region:Electron Temperature 1865, 1964

ELECTROSTATIC FIELD-Ionosphere:Electrostatic Field:Observations 1212

EQUATORIAL BELT-Ionosphere:Equatorial Belt:Anomalies 1110

EQUIVALENT POTENTIAL TEMPERATURE-Atmosphere:Structure:Equivalent Potential Temperature 1760

EQUIVALENT POTENTIAL TEMPERATURE-Equivalent Potential Temperature:Cross-Sections 1504

EQUIVALENT POTENTIAL TEMPERATURE-Equivalent Potential Temperature:Summaries 1654

EYE-Hurricanes:Eye:Analysis 0804, 1294

EYE-Hurricanes:Eye:Movement 0807, 1325

EYE-Hurricanes:Eye:Observations 0496, 0542, 0916, 1321

EYE-Hurricanes:Eye:Radar 1163

EYE-Hurricanes:Eye:Structure 0077, 0855, 1010, 1283, 1753

EYE-Tropical Cyclones:Eye:Description 0557

FORCE-Hurricanes:Winds:Force 0028

FREEZING LEVEL-Clouds:Cumulus:Freezing Level 0705, 0718, 0719

FREEZING LEVEL-Clouds:Precipitation:Freezing Level 0705

FREEZING LEVEL-Precipitation:Showers:Freezing Level 0549

FRICTION VELOCITY-Winds:Friction Velocity:Computation 1055

GEOPOTENTIAL HEIGHTS-Geopotential Heights:Computation 1851, 2013

GRADIENTS-Clouds:Refractive Index:Gradients 1154

GRADIENTS-Hurricanes:Temperature:Gradients 1813

GRADIENTS-Temperature:Gradients:Summaries 0941

GRADIENTS-Tropical Cyclones:Pressure:Gradients 0557

GUSTS-Winds:Gusts:Analysis 1880

HIGH PRESSURE-High Pressure:Thermal:Analysis 1113

HIGHS-Pressure:Highs:Movement 1482

HIGHS-Pressure:Highs:Synoptic Analysis 2026

HOMOGENEITY-Atmosphere:Layers:Homogeneity 0595

HUMIDITY-Humidity:Balance:Computation 0587

HUMIDITY-Humidity:Observations 1183

HUMIDITY-Humidity:Observations:Aircraft 1059

HUMIDITY-Humidity:Statistical Studies:Correlations 1623

HUMIDITY-Humidity:Statistical Studies:Means 0191, 1723

HUMIDITY-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

- HUMIDITY-Humidity:Summaries 0094, 0129,  
0137, 0547, 0585, 0616, 1070,  
1669
- HUMIDITY-Humidity:Variations 0543, 0941
- HUMIDITY-Hurricanes:Humidity:Analysis  
0495
- HUMIDITY-Trade Winds:Humidity:Distribution  
0610
- HUMIDITY-Trade Winds:Humidity:Observations  
1068
- HUMIDITY-Trade Winds:Humidity:Structure  
0847
- HUMIDITY-Upper Air:Humidity:Observations  
0699, 0990
- HUMIDITY-Upper Air:Humidity:Statistical  
Studies 1111
- HUMIDITY-Upper Air:Humidity:Summaries  
0597, 0757, 0915
- INSTABILITY-Convection:Instability:Analysis  
1167
- INSTABILITY-Hurricanes:Instability:Models  
1451
- INSTABILITY-Instability:Mesoscale Analysis  
1506
- INSTABILITY-Instability:Research Programs  
1196
- INSTABILITY-Upper Air:Instability:Analysis  
0492
- INSTABILITY-Winds:Instability:Analysis  
1292, 1367
- INSTABILITY-Winds:Instability:Mesoscale  
Analysis 1632, 1909
- INSTABILITY-Winds:Instability:Patterns  
1400
- INSTABILITY-Winds:Instability:Synoptic  
Analysis 1631
- INSTABILITY LINES-Instability Lines:Analy-  
sis 1177
- INTENSITY-Cosmic Rays:Intensity:Variations  
0771, 0967
- INTENSITY-Hurricanes:Intensity:Analysis  
1248
- INTENSITY-Hurricanes:Intensity:Classifica-  
tion 1329
- INTENSITY-Hurricanes:Intensity:Description  
0247, 0253
- INTENSITY-Hurricanes:Intensity:Statistical  
Studies 1149
- INTENSITY-Hurricanes:Intensity:Variations  
1100
- INTENSITY-Precipitation:Intensity 0392,  
0765
- INTENSITY-Precipitation:Intensity:Isopyets  
0613
- INTENSITY-Precipitation:Intensity:Statisti-  
cal Studies 0765
- INTENSITY-Precipitation:Intensity:Summaries  
0232
- INTENSITY-Tropical Cyclones:Intensity:  
Classification 0557
- INTENSITY-Tropical Cyclones:Intensity:Anal-  
ysis 0860
- INTENSITY-Tropical Cyclones:Intensity:  
Classification 0859
- INVERSIONS-Climatology:Temperature:Inver-  
sions 0990
- INVERSIONS-Trade Winds:Temperature:Inver-  
sions 1499, 1766, 1821, 1907
- ION DENSITY-Ionosphere:Ion Density:Summar-  
ies 1672
- ION TEMPERATURE-Ionosphere:F Region:Ion  
Temperature 1865, 1964
- IONIC COMPOSITION-Ionosphere:Ionic Composi-  
tion:Observations 1602
- ISALLOBARIC GRADIENTS-Tropical Cyclones:  
Movement:Isallobaric Gradients 0841
- KATALLOBARIC CENTERS-Tropical Cyclones:  
Movement:Katallobaric Centers 0841
- LAPSE RATES-Observations:Lapse Rates  
0198
- LAPSE RATES-Temperature:Lapse Rates:Maps  
0183

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

LAPSE RATES-Upper Air:Temperature:Lapse Rates 0565

LONG WAVES-Radiation:Long Waves:Models 1860

LOWS-Pressure:Lows:Deepening 0450

LOWS-Pressure:Lows:Forecasting 0450

LOWS-Upper Air:Pressure:Lows 2025

MASS-Hurricanes:Mass:Budgets 1249

MEDIUM SCALE-Trade Winds:Turbulence:Medium Scale 0722

MOMENTUM-Energy:Momentum:Transport 1902

MOMENTUM-Hurricanes:Momentum:Budgets 1778

MOMENTUM-Hurricanes:Momentum:Transport 1302, 1543, 1778

MOMENTUM-Momentum:Summaries 1606

MOMENTUM-Stratosphere:Momentum:Variations 1313

MOMENTUM-Trade Winds:Momentum:Transport 1298

MOMENTUM-Trade Winds:Momentum:Vertical Transport 0781

MOMENTUM-Tropical Cyclones:Momentum:Budgets 1778

MOMENTUM-Tropical Cyclones:Momentum:Transport 1802

MOMENTUM-Troposphere:Momentum:Transport 1606

MUD RAIN-Precipitation:Mud Rain:Description 0415

NOCTURNAL INVERSIONS-Temperature:Nocturnal Inversions 0227

PATTERNS-Circulation:Patterns 0280

PATTERNS-Hurricanes:Winds:Patterns 0310

PATTERNS-Precipitation:Observations:Patterns 1759

PATTERNS-(see next column)

PATTERNS-Storms:Precipitation:Patterns 0649

PATTERNS-Temperature:Patterns 1064

PATTERNS-Trade Winds:Circulation:Patterns 0417

PATTERNS-Tropical Cyclones:Clouds:Patterns 0074

PATTERNS-Tropical Cyclones:Precipitation:Patterns 0074

PATTERNS-Upper Air:Circulation:Patterns 0417

PATTERNS-Upper Air:Winds:Patterns 0859

PATTERNS-Winds:Instability:Patterns 1400

PLASMA DENSITY-Ionosphere:F Region:Plasma Density 1865

POLAR-Air Masses:Polar:Description 0567

POLAR-Air Masses:Polar:Movement 1510

POLAR AIR-Polar Air:Surface Effects 0790

POLLUTION-Atmosphere:Pollution:Sampling 1643

POLLUTION-Pollution:Observations:Satellites 1963

POLLUTION-Pollution:Volcanic Ash:Observations 1669, 1670

POLLUTION-Pollution:Winds:Transport 1963

POTENTIAL GRADIENTS-Electricity:Potential Gradients:Observations 1368

POTENTIAL TEMPERATURE-Potential Temperature:Cross-Sections 1504

POTENTIAL TEMPERATURE-Potential Temperature:Statistical Studies:Means 1731

POTENTIAL TEMPERATURE-Upper Air:Potential Temperature:Statistical Studies 1091

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

POTENTIAL TEMPERATURE-Upper Air:Potential  
Temperature:Synoptic  
Analysis 1931

PRESSURE-Easterly Waves:Pressure:Variations  
0559

PRESSURE-Hurricanes:Pressure:Analysis  
0495, 1283

PRESSURE-Hurricanes:Pressure:Barographs  
0284

PRESSURE-Hurricanes:Pressure:Charts  
0138

PRESSURE-Hurricanes:Pressure:Computation  
1306

PRESSURE-Hurricanes:Pressure:Contour Anal-  
ysis 0729, 0733

PRESSURE-Hurricanes:Pressure:Description  
0441

PRESSURE-Hurricanes:Pressure:Filling  
1100

PRESSURE-Hurricanes:Pressure:Flooding  
2593

PRESSURE-Hurricanes:Pressure:Forecasting  
0913

PRESSURE-Hurricanes:Pressure:Insect Activ-  
ity 1364

PRESSURE-Hurricanes:Pressure:Measurement  
0163

PRESSURE-Hurricanes:Pressure:Observations  
0083, 0470, 0518, 0717, 0743,  
0787, 0797, 0897, 1099, 1204,  
1205, 1218, 1488, 1497, 1645,  
1920

PRESSURE-Hurricanes:Pressure:Profiles  
0022, 0682, 1532

PRESSURE-Hurricanes:Pressure:Summaries  
0398, 0399, 0419, 0763, 0856,  
0986, 1149, 1428, 1458, 2576

PRESSURE-Hurricanes:Pressure:Surface  
Effects 2772

PRESSURE-Hurricanes:Pressure:Synoptic  
Analysis 1338

PRESSURE-Pressure:Altimeter Calibration:  
Tables 0362

PRESSURE-Pressure:Analysis 0643, 0929

PRESSURE-Pressure:Barotropy:Models 1849

PRESSURE-Pressure:Blocking High:Steering  
0660

PRESSURE-Pressure:Cold Lows:Analysis  
1730

PRESSURE-Pressure:Cold Lows:Forecasting  
1622

PRESSURE-Pressure:Cold Lows:Summaries  
1622

PRESSURE-Pressure:Cyclones:Cyclogenesis  
0473

PRESSURE-Pressure:Description 0033

PRESSURE-Pressure:Forecasting 1004,  
1032

PRESSURE-Pressure:Highs:Movement 1482

PRESSURE-Pressure:Highs:Synoptic Analysis  
2026

PRESSURE-Pressure:Isallobars:Analysis  
0395

PRESSURE-Pressure:Isobaric Surfaces:Heights  
1088

PRESSURE-Pressure:Lows:Deepening 0450

PRESSURE-Pressure:Lows:Forecasting 0450

PRESSURE-Pressure:Observations 0145,  
1607

PRESSURE-Pressure:Observations:Aircraft  
1004

PRESSURE-Pressure:Observations:Dropsondes  
1412

PRESSURE-Pressure:Observations:Microbaro-  
variographs 0791

PRESSURE-Pressure:Observations:Ships  
0260

PRESSURE-Pressure:Observations:Variations  
0148, 0356, 0413

PRESSURE-(see next page)

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

PRESSURE-Pressure:Statistical Studies:  
Averages 0159, 0684

PRESSURE-Pressure:Statistical Studies:  
Correlations 0285, 0413, 1623

PRESSURE-Pressure:Statistical Studies:Har-  
monic Analysis 0462

PRESSURE-Pressure:Statistical Studies:  
Means 0078, 0219, 0271, 0276,  
0307, 0357, 0406, 0453, 0473,  
0558, 0593, 0632, 0917, 1225,  
1381, 1700, 2130

PRESSURE-Pressure:Statistical Studies:Per-  
centiles 1640

PRESSURE-Pressure:Statistical Studies:Peri-  
odicities 0351

PRESSURE-Pressure:Summaries 0055, 0078,  
0086, 0095, 0110, 0129, 0137,  
0182, 0273, 0356, 0357, 0362,  
0372, 0412, 0459, 0486, 0547,  
0580, 0585, 0615, 0637, 0688,  
0830, 0973, 1517, 1569, 1618,  
1619, 1620, 1648, 1749, 1750,  
1751, 1752, 1753, 1754, 1809,  
1894, 1895, 1896, 1897, 1898,  
1899, 2000, 2251, 2252, 2485,  
2568

PRESSURE-Pressure:Surface:Synoptic Analysis  
1134

PRESSURE-Pressure:Surface Effects 2192,  
2583

PRESSURE-Pressure:Synoptic Analysis  
1032

PRESSURE-Pressure:Variations 0372, 1252

PRESSURE-Storms:Pressure:Observations  
0272

PRESSURE-Stratosphere:Pressure:Analysis  
1086

PRESSURE-Tropical Cyclones:Pressure:Distri-  
bution 0074

PRESSURE-Tropical Cyclones:Pressure:Filling  
1377

PRESSURE-Tropical Cyclones:Pressure:Grad-  
ients 0557

PRESSURE-Tropical Cyclones:Pressure:Obser-  
vations 0245

PRESSURE-Tropical Cyclones:Pressure:Oscil-  
lations 0557

PRESSURE-Tropical Cyclones:Pressure:Summar-  
ies 0260

PRESSURE-Tropical Cyclones:Pressure:Varia-  
tions 1234

PRESSURE-Troposphere:Pressure:Troughs  
0668

PRESSURE-Upper Air:Pressure:Analysis  
0450

PRESSURE-Upper Air:Pressure:Charts 0536

PRESSURE-Upper Air:Pressure:Cross-Sections  
0495

PRESSURE-Upper Air:Pressure:Damping  
1755

PRESSURE-Upper Air:Pressure:Diurnal Varia-  
tions 0468

PRESSURE-Upper Air:Pressure:Lows 2025

PRESSURE-Upper Air:Pressure:Observations  
0586, 0699

PRESSURE-Upper Air:Pressure:Standard  
Heights 0910

PRESSURE-Upper Air:Pressure:Statistical  
Studies 0910, 1088

PRESSURE-Upper Air:Pressure:Synoptic Anal-  
ysis 1001, 2015

PRESSURE-Upper Air:Pressure:Troughs  
0618

PRESSURE-Upper Air:Pressure:Variations  
0462, 0764

PRESSURE/HEIGHT-Hurricanes:Pressure/Height:  
Charts 1206

PRESSURE/HEIGHT-Pressure/Height:Statisti-  
cal Studies:Means 1056

PRESSURE/HEIGHT-Upper Air:Pressure/Height:  
Analysis 1650

PRESSURE/HEIGHT-Upper Air:Pressure/Height:  
Statistical Studies  
1056, 1091, 1111, 1122

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

PRESSURE/HEIGHT-Upper Air:Pressure/Height:  
Statistical Studies (Cont.)  
1155, 1358

PRESSURE/HEIGHT-Upper Air:Pressure/Height:  
Summaries 0757, 1122

REFRACTIVITY-Refractivity:Attenuation:  
Analysis 1930

REFRACTIVITY-Tropical Cyclones:Refractiv-  
ity:Observations 1228

REFRACTIVITY-Troposphere:Refractivity:  
Forecasting 1228

RELATIVE HUMIDITY-Relative Humidity:Anal-  
ysis 1375

RELATIVE HUMIDITY-Relative Humidity:Compu-  
tation 1851, 2013

RELATIVE HUMIDITY-Relative Humidity:Obser-  
vations 0145

RELATIVE HUMIDITY-Relative Humidity:Obser-  
vations(NOMAD) 1939

RELATIVE HUMIDITY-Relative Humidity:Obser-  
vations:Satellites  
1839

RELATIVE HUMIDITY-Relative Humidity:Statis-  
tical Studies:Averages  
0159, 2027

RELATIVE HUMIDITY-Relative Humidity:Statis-  
tical Studies:Means  
0161, 0186, 0386, 0407,  
0552, 0624

RELATIVE HUMIDITY-Relative Humidity:Sum-  
maries 0095, 0110,  
0182, 0194, 0219, 0271,  
0273, 0431, 0453, 0459,  
0486, 0510, 0515, 0615,  
0688, 0873, 0906, 0988,  
1152, 1178, 1180, 1618,  
1619, 1620, 1749, 1750,  
1751, 1752, 1753, 1754,  
1809, 1894, 1895, 1896,  
1897, 1898, 1899, 1956,  
1965, 2000, 2251, 2252

RELATIVE HUMIDITY-Troposphere:Relative  
Humidity:Statistical  
Studies 1696

RELATIVE HUMIDITY-(see next column)

RELATIVE HUMIDITY-Troposphere:Relative  
Humidity:Summaries  
1712

RELATIVE HUMIDITY-Upper Air:Relative  
Humidity:Analysis  
1357

SCALE HEIGHTS-Ionosphere:Scale Heights:  
Computation 1214

SEASONS-Circulation:Seasons:Summer 0115

SEASONS-Circulation:Seasons:Winter 0115

SEASONS-Seasons:Winter 0020

SHELTERBELTS-Climatology:Climatol. Shelter-  
belts 1773

SIZE DISTRIBUTIONS-Precipitation:Droplets:  
Size Distributions  
0930

SPECIFIC HUMIDITY-Upper Air:Specific  
Humidity:Statistical  
Studies 1091

STABILITY-Hurricanes:Stability:Synoptic  
Analysis 0495

STABILITY-Upper Air:Stability:Diurnal  
Variations 0467

STANDARD ATMOSPHERE-Standard Atmosphere  
(ICAN) 1106

STANDARD ATMOSPHERE-Standard Atmosphere  
(ICAO) 1106

STANDARD ATMOSPHERE-Standard Atmosphere  
(NACA) 1106

STANDARD ATMOSPHERE-Standard Atmosphere  
(SAAT) 1106

STANDARD ATMOSPHERE-Standard Atmosphere  
(SAT) 1106

STANDARD ATMOSPHERE-Standard Atmosphere  
(SATU) 1106

STANDARD HEIGHTS-Upper Air:Pressure:Stand-  
ard Heights 0910

STATIC ELECTRICITY-Hurricanes:Static  
Electricity 0379

STRUCTURE-Atmosphere:Structure:Equivalent  
Potential Temperature 1760



# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

STRUCTURE-Clouds:Cumulus:Structure  
0659

STRUCTURE-Hurricanes:Eye:Structure 0077,  
0855, 1010, 1283, 1763

STRUCTURE-Hurricanes:Structure:Analysis  
0448, 0493, 0567, 0569, 1053,  
1559, 1679, 1793, 1918, 1919

STRUCTURE-Hurricanes:Structure:Cross-Sections  
0492, 1825, 1827

STRUCTURE-Hurricanes:Structure:Summaries  
0768, 1791

STRUCTURE-Hurricanes:Structure:Synoptic  
Analysis 0836, 1013, 1027

STRUCTURE-Hurricanes:Structure:Theory  
(ESPY) 0077

STRUCTURE-Hurricanes:Structure:Theory  
(Ferrel) 0077

STRUCTURE-Hurricanes:Temperature:Structure  
0843

STRUCTURE-Trade Winds:Clouds:Structure  
0847

STRUCTURE-Trade Winds:Humidity:Structure  
0847

STRUCTURE-Trade Winds:Structure:Description  
0382

STRUCTURE-Trade Winds:Temperature:Structure  
0847

STRUCTURE-Tropical Cyclones:Circulation:  
Structure 0074

STRUCTURE-Tropical Cyclones:Structure:  
Analysis 1561

STRUCTURE-Tropical Cyclones:Structure:  
Observations 0840

STRUCTURE-Tropical Cyclones:Temperature:  
Structure 0840

STRUCTURE-Tropical Cyclones:Winds:Structure  
0840

STRUCTURE-Upper Air:Temperature:Structure  
1021

SUMMER-Circulation:Seasons:Summer 0115

SUNSHINE-Sunshine:Statistical Studies:  
Averages 0591

SUNSHINE-Sunshine:Statistical Studies:  
Description 0152

SUNSHINE-Sunshine:Summaries 0585, 0615,  
0906, 1070, 1158, 1180, 1192,  
1276, 2180

TEMPERATURE-Climatology:Temperature:Inver-  
sions 0990

TEMPERATURE-Clouds:Temperature:Analysis  
1862, 1863

TEMPERATURE-Clouds:Temperature:Summaries  
0769

TEMPERATURE-Hurricanes:Temperature:Analysis  
0495

TEMPERATURE-Hurricanes:Temperature:Fore-  
casting 0926

TEMPERATURE-Hurricanes:Temperature:Grad-  
ients 1813

TEMPERATURE-Hurricanes:Temperature:Obser-  
vations 0916, 1097, 1300,  
1763

TEMPERATURE-Hurricanes:Temperature:Struc-  
ture 0843

TEMPERATURE-Hurricanes:Temperature:Summar-  
ies 1217

TEMPERATURE-Ionosphere:F Region:Tempera-  
ture 1605

TEMPERATURE-Ionosphere:Temperature:Compu-  
tation 1807

TEMPERATURE-Ionosphere:Temperature:Electron  
Streaming 1929

TEMPERATURE-Ionosphere:Temperature:Obser-  
vations 1688, 1689, 2034

TEMPERATURE-Layers:Temperature:Dry Adiabatic  
0595

TEMPERATURE-Storms:Temperature:Analysis  
1176, 1195

TEMPERATURE-Stratosphere:Temperature:Pro-  
files 0669

TEMPERATURE-Stratosphere:Temperature:Sound  
Propagation 0600

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

TEMPERATURE-Stratosphere:Temperature:Vari-  
ations 1275, 1312, 1313

TEMPERATURE-Temperature:Advection:Statisti-  
cal Studies 1932

TEMPERATURE-Temperature:Air/Sea Interaction  
0563

TEMPERATURE-Temperature:Analysis 1531

TEMPERATURE-Temperature:Cold Waves 0187,  
1020

TEMPERATURE-Temperature:Cold Waves:Fish  
Kill 0071, 0153, 0309, 0340,  
0352, 0355

TEMPERATURE-Temperature:Cold Waves:Summar-  
ies 0223

TEMPERATURE-Temperature:Computation  
1851, 2013

TEMPERATURE-Temperature:Description  
0033

TEMPERATURE-Temperatures:Extremes:Summar-  
ies 0579

TEMPERATURE-Temperature:Forecasting:Equa-  
tions 1772

TEMPERATURE-Temperature:Gradients:Summar-  
ies 0941

TEMPERATURE-Temperature:Hail:Summaries  
1507

TEMPERATURE-Temperature:Lapse Rates:Maps  
0183

TEMPERATURE-Temperature:Nocturnal Inver-  
sions 0227

TEMPERATURE-Temperature:Observations  
0166, 0738, 0874

TEMPERATURE-Temperature:Observations:Air-  
craft 1059

TEMPERATURE-Temperature:Observations:Kites  
0227

TEMPERATURE-Temperature:Observations:Pro-  
filing 1815

TEMPERATURE-Temperature:Observations:Radio-  
sondes 0990

TEMPERATURE-Temperature:Observations:Satel-  
lites 1950

TEMPERATURE-Temperature:Observations:Sta-  
tistical Studies 0869

TEMPERATURE-Temperature:Patterns 1064

TEMPERATURE-Temperature:Soundings 0563

TEMPERATURE-Temperature:Statistical Stud-  
ies:Averages 1272, 1393,  
2206

TEMPERATURE-Temperature:Statistical Stud-  
ies:Correlations 1623, 1649

TEMPERATURE-Temperature:Statistical Stud-  
ies:Description 0152

TEMPERATURE-Temperature:Statistical Stud-  
ies:Harmonic Analysis 0462

TEMPERATURE-Temperature:Statistical Stud-  
ies:Means 0086, 0121, 0145,  
0161, 0183, 0186, 0191, 0271,  
0273, 0307, 0360, 0367, 0386,  
0388, 0406, 0407, 0422, 0424,  
0431, 0440, 0510, 0552, 0558,  
0603, 0609, 0624, 0632, 0644,  
0937, 0987, 1056, 1148, 1321,  
1394, 1537, 1700, 1723, 2230

TEMPERATURE-Temperature:Statistical Stud-  
ies:Normals 0132, 0685

TEMPERATURE-Temperature:Summaries 0055,  
0086, 0094, 0095, 0110, 0129,  
0137, 0182, 0192, 0194, 0206,  
0237, 0303, 0318, 0354, 0412,  
0459, 0461, 0486, 0515, 0546,  
0547, 0580, 0585, 0615, 0616,  
0688, 0689, 0708, 0873, 0883,  
0906, 0923, 0953, 0988, 1003,  
1152, 1158, 1178, 1180, 1276,  
1517, 1618, 1619, 1620, 1648,  
1649, 1654, 1669, 1749, 1750,  
1751, 1752, 1753, 1754, 1809,  
1852, 1894, 1895, 1896, 1897,  
1898, 1899, 1956, 1965, 2000,  
2027, 2180, 2251, 2252, 2257,  
2420, 2440, 2568, 2613, 2726

TEMPERATURE-Temperature:Synoptic Analysis  
0886

TEMPERATURE-Temperature:Tables 0422

TEMPERATURE-Temperature:Transport:Summaries  
2239

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

TEMPERATURE-Tornadoes:Temperature:Summaries 1507	TEMPERATURE-Upper Air:Temperature:Summaries 0597, 0757, 0915, 0927, 0943, 1208, 1358
TEMPERATURE-Trade Winds:Temperature:Dis- tribution 0610	TEMPERATURE-Upper Air:Temperature:Synoptic Analysis 2015
TEMPERATURE-Trade Winds:Temperature:Inver- sions 1499, 1766, 1821, 1907	TEMPERATURE-Upper Air:Temperature:Varia- tions 0462, 0927
TEMPERATURE-Trade Winds:Temperature:Obser- vations 1068	TEMPERATURE-Waterspouts:Temperature:Summar- ies 1507
TEMPERATURE-Trade Winds:Temperature:Struc- ture 0347	TEMPERATURE/DEWPOINT-Temperature/Dew Point: Synoptic Analysis 1134
TEMPERATURE-Trade Winds:Temperature:Varia- tions 0488	THICKNESS ANOMALIES-Upper Air:Thickness Anomalies:Analysis 1447
TEMPERATURE-Tropical Cyclones:Temperature 0074	TROUGHS-Troposphere:Pressure:Troughs 0668
TEMPERATURE-Tropical Cyclones:Temperature: Description 0557	VAPOR PRESSURE-Vapor Pressure:Statistical Studies:Means 0307, 0558
TEMPERATURE-Tropical Cyclones:Temperature: Isotherm Analysis 1796	VAPOR PRESSURE-Vapor Pressure:Summaries 0271, 0453, 0615
TEMPERATURE-Tropical Cyclones:Temperature: Soundings 0683	VELOCITY-Ionosphere:Winds:Velocity 1417
TEMPERATURE-Tropical Cyclones:Temperature: Structure 0840	VELOCITY-Stratosphere:Winds:Velocity 0669
TEMPERATURE-Upper Air:Temperature:Advection 2025	VELOCITY-Winds:Velocity:Observations 1953
TEMPERATURE-Upper Air:Temperature:Computa- tion 1786	VELOCITY-Winds:Velocity:Summaries 0219
TEMPERATURE-Upper Air:Temperature:Cross- Sections 0495, 0987	VELOCITY POTENTIAL-Winds:Velocity Potential: Computation 1798
TEMPERATURE-Upper Air:Temperature:Diurnal Variations 0468	VERTICAL VELOCITY-Winds:Vertical Velocity 1659
TEMPERATURE-Upper Air:Temperature:Lapse Rates 0565	VISIBILITY-Visibility:Fog:Summaries 0437
TEMPERATURE-Upper Air:Temperature:Observa- tions 0586, 0699	VISIBILITY-Visibility:Haze:Summaries 0437
TEMPERATURE-Upper Air:Temperature:Statisti- cal Studies 0453, 0937, 1056, 1111, 1121	VISIBILITY-Visibility:Statistical Studies: Means 0385
TEMPERATURE-Upper Air:Temperature:Structure 1021	VISIBILITY-Visibility:Summaries 0547, 0553, 1107, 2251
	VORTICITY-Circulation:Vorticity:Computation 1256

# METEOROLOGY SUBJECT INDEX

## PROPERTIES-(Cont.)

VOPTICITY-Easterly Waves:Winds:Vorticity  
1857

VORTICITY-Hurricanes:Winds:Vorticity  
1015, 1392

VORTICITY-Upper Air:Winds:Vorticity  
1327

VORTICITY-Vorticity:Description  
0689

VORTICITY-Vorticity:Statistical Studies:  
Correlations 1623

VORTICITY-Winds:Vorticity:Budgets 1958,  
1966

VORTICITY-Winds:Vorticity:Computation  
1795, 1851

VORTICITY-Winds:Vorticity:Kinetic Analy-  
sis 0709

WATER VAPOR PRESSURE-Water Vapor Pressure:  
Statistical Studies:  
Means 1045

WATER VAPOR PRESSURE-Water Vapor Pressure:  
Summaries 1045

WEATHER SYSTEMS-Weather Systems:Summaries  
1502

WET BULB TEMPERATURE-Wet Bulb Temperature:  
Cross-Sections  
1504

WET BULB TEMPERATURE-Wet Bulb Temperature:  
Summaries 0110,  
1158, 2613

WINTER-Circulation:Seasons:Winter 0115

WINTER-Seasons:Winter 0020

## CONSTITUENTS-Aerosols, African Dust, etc.

AEROSOLS-Aerosols:Cosmic Dust:Observations  
1810

AEROSOLS-Aerosols:Dust:Summaries 1739

AEROSOLS-Aerosols:Fauna:Transport 0310

AEROSOLS-Aerosols:Observations:Aircraft  
1871

AEROSOLS-Aerosols:Observations:Photometers  
0875

AEROSOLS-Aerosols:Sea-Salt Particles:Obser-  
vations 0875

AEROSOLS-Aerosols:Volcanic Ash 0415

AEROSOLS-Aerosols:Volcanic Ash:Observations  
1948

AEROSOLS-Trade Winds:Aerosols:African Sand  
1792

AEROSOLS-Trade Winds:Aerosols:Transport  
0296

AFRICAN DUST-Trade Winds:Aerosols:African  
Dust 1792

AFRICAN DUST-Trade Winds:African Dust:Ob-  
servations 1942, 1955,  
1962, 1967, 2019, 2021,  
2032

CHLORIDE-Chloride:Observations 1102

CHLORIDE-Chloride:Potentiometers(Leeds and  
Northrup) 1102

CHLORIDE-Chloride:Sampling:Aircraft  
0737

CHLORIDE-Chloride:Sampling:Surface 0737

CHLORIDE-Condensation Nuclei:Chloride:Ob-  
servations 1814

CHLORIDE PARTICLES-Chloride Particles:Sam-  
pling:Aircraft 0894

CHLORIDE PARTICLES-Upper Air:Chloride  
Particles:Sampling  
0894

CHLORINE-Precipitation:Chlorine:Observa-  
tions 0085

CONDENSATION NUCLEI-Clouds:Condensation  
Nuclei:Observations  
1694

CONDENSATION NUCLEI-Condensation Nuclei:  
Chlorides:Observations  
1814

CONDENSATION NUCLEI-Condensation Nuclei:  
Observations:Aircraft  
1814

COSMIC DUST-(see next page)

# METEOROLOGY SUBJECT INDEX

## CONSTITUENTS-(Cont.)

COSMIC DUST-Aerosols:Cosmic Dust:Observations 1810

COSMIC DUST-Cosmic Dust:Observations:Towers 1810

DROPLETS-Precipitation:Droplets:Classification 1233

DROPLETS-Precipitation:Droplets:Electrical Charges 1096

DROPLETS-Precipitation:Droplets:Size Distribution 0930

DUST-Aerosols:Dust:Summaries 1739

DUST-Stratosphere:Dust:Observations 1968

FREEZING NUCLEI-Freezing Nuclei:Measurements 1089

HAZE-Haze:Observations:Pilot Reports 0594

HAZE-Haze:Scattering:C Band Radar 1740

HAZE-Upper Air:Haze:Volcanic Ash 0594

HAZE-Visibility:Haze:Summaries 0437

ICE CRYSTALS-Precipitation:Rainmaking:Ice Crystals 1160

MOISTURE-Climatology:Climates:Moisture 0587

MOISTURE-Hurricanes:Moisture:Budgets 1249, 1778

MOISTURE-Hurricanes:Moisture:Transport 1184

MOISTURE-Moisture:Air/Sea Interaction 0563

MOISTURE-Moisture:Budgets 1002, 1682

MOISTURE-Moisture:Computation 1996

MOISTURE-Moisture:Winds:Transport 1538

MOISTURE-Trade Winds:Moisture:Variations 0488

MOISTURE-Tropical Cyclones:Moisture:Budgets 1168

MOISTURE-Troposphere:Moisture:Budgets 1917

MOISTURE-Upper Air:Moisture:Diurnal Variations 0467

NITROGEN-Precipitation:Nitrogen:Observations 0085

NUCLEI-Nuclei:Variations 0777

OZONE-Stratosphere:Ozone:Observations 1968

OZONE-Upper Air:Ozone:Observations 1695

PHOTOELECTRON-Ionosphere:Photoelectron:Observations 2018

PRECIPITABLE WATER-Precipitable Water:Statistical Studies:Frequencies 1538

SALT SPRAY-Winds:Salt Spray 0428

SEA-SALT PARTICLES-Aerosols:Sea-Salt Particles:Observations 0875

SMOKE PLUMES-Winds:Diffusion:Smoke Plumes 1611

TRITIUM-Energy:Radioactive Tracers:Tritium 1943

TRITIUM-Tritium:Precipitation:Rainout 1991

WATER CONTENT-Clouds:Cumulus Water Content 1060

WATER CONTENT-Clouds:Water Content:Observations 1059, 1068, 1079, 1659

WATER CONTENT-Clouds:Water Content:Statistical Studies 1273

WATER CONTENT-Tropical Cyclones:Clouds:Water Content 1347

WATER DROPLETS-Clouds:Water Droplets:Movement 1627

WATER DROPLETS-Clouds:Water Droplets:Observations 1554

WATER DROPLETS-Clouds:Water Droplets:Soundings 0715

WATER DROPLETS-(see next page)

# METEOROLOGY SUBJECT INDEX

## CONSTITUENTS-(Cont.)

WATER DROPLETS-Precipitation:Water Droplets:Observations 1951

WATER DROPLETS-Water Droplets:Observations: Radar 1554

WATER VAPOR-Stratosphere:Water Vapor:Observations 1940

WATER VAPOR-Troposphere:Water Vapor:Transport 1635

WATER VAPOR-Upper Air:Water Vapor:Budgets 1351

WATER VAPOR-Upper Air:Water Vapor:Transport 1140, 1775

WATER VAPOR-Water Vapor:Budgets 1676, 2528

WATER VAPOR-Water Vapor:Charts 0867

WATER VAPOR-Water Vapor:Computation 1153

WATER VAPOR-Water Vapor:Observations:Frost-Point Hygrometers 1940

WATER VAPOR-Water Vapor:Observations:Networks 1676

WATER VAPOR-Water Vapor:Statistical Studies:Averages 0587

WATER VAPOR-Water Vapor:Statistical Studies:Means 1817

WATER VAPOR-Water Vapor:Summaries 1676, 1677, 1965

WATER VAPOR-Water Vapor:Transport 1678

WATER VAPOR-Water Vapor:Transport:Budgets 1817

## PARTS-Air Masses,E Layer,E Region,etc.

AIR MASSES-Air Masses:Analysis 0370, 0570, 0676

AIR MASSES-Air Masses:Arctic 0698

AIR MASSES-Air Masses:Classification 1107

AIR MASSES-(see next column)

AIR MASSES-Air Masses:Maritime Tropical 0679

AIR MASSES-Air Masses:Modification 0678, 0679

AIR MASSES-Air Masses:Movement:Description 0303

AIR MASSES-Air Masses:Polar Description 0567

AIR MASSES-Air Masses:Polar:Movement 1920

AIR MASSES-Air Masses:Summaries 0396, 1107

AIR MASSES-Air Masses:Synoptic Analysis 0806

AIR MASSES-Hurricanes:Air Masses:Budgets 1249

AIR MASSES-Tropical Cyclones:Air Masses:Summaries 0568

E LAYER-Ionosphere:E Layer:Observations 1842

E REGION-Ionosphere:E Region:Electron Density 1656

F LAYER-Ionosphere:F Layer:Observations 1842

F REGION-Ionosphere:F Region:Electron Density 1437, 1689, 1964

F REGION-Ionosphere:F Region:Electron Streaming 1726

F REGION-Ionosphere:F Region:Electron Temperature 1865, 1964

F REGION-Ionosphere:F Region:Ion Temperature 1865, 1964

F REGION-Ionosphere:F Region:Observations 1349, 1601, 1603

F REGION-Ionosphere:F Region:Plasma Density 1865

F REGION-Ionosphere:F Region:Recombination 1672

F REGION-Ionosphere:F Region:Temperature 1605

F2 LAYER-(see next page)

# METEOROLOGY SUBJECT INDEX

## PARTS-(Cont.)

F2 LAYER-Ionosphere:F2 Layer:Variations  
1221

F2 REGION-Ionosphere:F2 Region:Variations  
1110

IONOSPHERE-Ionosphere:Composition:Observations 2034

IONOSPHERE-Ionosphere:Drift:Observations  
1591

IONOSPHERE-Ionosphere:Drift:Variations  
0958

IONOSPHERE-Ionosphere:Drift Velocities:  
Observations 1221

IONOSPHERE-Ionosphere:E Layer:Observations  
1842

IONOSPHERE-Ionosphere:E Region:Electron  
Density 1656

IONOSPHERE-Ionosphere:Electrojet 1212

IONOSPHERE-Ionosphere:Electron Content:  
Faraday Rotation 1768

IONOSPHERE-Ionosphere:Electron Density:  
Computation 1214

IONOSPHERE-Ionosphere:Electron Density:  
Lunar Tides 1982

IONOSPHERE-Ionosphere:Electron Density:  
Observations 1600, 1603,  
1605, 1615, 1656,  
1936, 1982

IONOSPHERE-Ionosphere:Electron Tempera-  
ture:Observations 1603, 1615,  
1727, 1929

IONOSPHERE-Ionosphere:Electrostatic Field:  
Observations 1212

IONOSPHERE-Ionosphere:Equatorial Belt:  
Anomalies 1110

IONOSPHERE-Ionosphere:F Layer:Observations  
1842

IONOSPHERE-Ionosphere:F Region:Electron  
Density 1437, 1659, 1964

IONOSPHERE-(see next column)

IONOSPHERE-Ionosphere:F Region:Electron  
Streaming 1726

IONOSPHERE-Ionosphere:F Region:Electron  
Temperature 1865, 1964

IONOSPHERE-Ionosphere:F Region:Ion Temper-  
ature 1865, 1964

IONOSPHERE-Ionosphere:F Region:Observa-  
tion 1349, 1601, 1603

IONOSPHERE-Ionosphere:F Region:Plasma Den-  
sity 1869

IONOSPHERE-Ionosphere:F Region:Recombina-  
tion 1672

IONOSPHERE-Ionosphere:F Region:Temperature  
1605

IONOSPHERE-Ionosphere:F2 Layer:Variations  
1221

IONOSPHERE-Ionosphere:F2 Region:Variations  
1110, 1603

IONOSPHERE-Ionosphere:Heating:Transport  
1615

IONOSPHERE-Ionosphere:Incoherent Backscat-  
tering:Observations 1936

IONOSPHERE-Ionosphere:Ion Density:Summar-  
ies 1672

IONOSPHERE-Ionosphere:Ionic Composition:  
Observations 1602

IONOSPHERE-Ionosphere:Lunar Tides:Observa-  
tions 1600

IONOSPHERE-Ionosphere:Observations:Inter-  
ferometers 1221

IONOSPHERE-Ionosphere:Observations:Radar  
1437, 1535, 1964, 2018, 2034

IONOSPHERE-Ionosphere:Observations:Radio  
Telescopes 1223, 1591, 1842

IONOSPHERE-Ionosphere:Observations:Rockets  
1842

IONOSPHERE-Ionosphere:Observations:Satel-  
lites 1768

IONOSPHERE-Ionosphere:Observations:Tri-  
partite Receivers 0958

IONOSPHERE-(see next page)

# METEOROLOGY SUBJECT INDEX

## PARTS-(Cont.)

IONOSPHERE-Ionosphere:Photoelectron Streaming 1727

IONOSPHERE-Ionosphere:Photoelectron Streaming:Observations 1874

IONOSPHERE-Ionosphere:Photoelectrons:Observations 2018

IONOSPHERE-Ionosphere:Radio Propagation: Selective Fading 1348

IONOSPHERE-Ionosphere:Scale Height:Computation 1214

IONOSPHERE-Ionosphere:Scattering:Observations 1616

IONOSPHERE-Ionosphere:Scintillations:Observations 1535, 1714

IONOSPHERE-Ionosphere:Sporadic E:Observations 1078, 1655, 1842

IONOSPHERE-Ionosphere:Sporadic E:Soundings 1145

IONOSPHERE-Ionosphere:Sporadic E:Summaries 1145

IONOSPHERE-Ionosphere:Sudden Ionospheric Disturbance 1105

IONOSPHERE-Ionosphere:Temperature:Computation 1807

IONOSPHERE-Ionosphere:Temperature:Electron Streaming 1929

IONOSPHERE-Ionosphere:Temperature:Observations 1688, 1689, 2034

IONOSPHERE-Ionosphere:Turbulence:Observations 1345

IONOSPHERE-Ionosphere:Variations:Nuclear Explosions 1349

IONOSPHERE-Ionosphere:Winds:Contouring 1806

IONOSPHERE-Ionosphere:Winds:Drift 1417, 1683

IONOSPHERE-Ionosphere:Winds:Observations 1345, 1589, 2035

IONOSPHERE-Ionosphere:Winds:Statistical Studies 1520

IONOSPHERE-Ionosphere:Winds:Turbulence 1520

IONOSPHERE-Ionosphere:Winds:Velocity 1417

LAYERS-Atmosphere:Layers:Homogeneity 0595

LAYERS-Layers:Temperature:Dry Adiabatic 0595

MESOSPHERE-Mesosphere:Winds:Shear 1327

MOIST LAYERS-Trade Winds:Moist Layers:Summaries 1036

OZONOSPHERE-Ozonosphere:Circulation:Analysis 1328

STRATOSPHERE-Stratosphere:Circulation: Observations 1855

STRATOSPHERE-Stratosphere:Circulation: Statistical Studies 1054

STRATOSPHERE-Stratosphere:Dust:Observations 1968

STRATOSPHERE-Stratosphere:Geomagnetic Declination:Observations 1855

STRATOSPHERE-Stratosphere:Momentum:Variations 1313

STRATOSPHERE-Stratosphere:Ozone:Observations 1968

STRATOSPHERE-Stratosphere:Pressure:Analysis 1086

STRATOSPHERE-Stratosphere:Temperature: Observations 0528

STRATOSPHERE-Stratosphere:Temperature: Profiles 0669

STRATOSPHERE-Stratosphere:Temperature: Sound Propagation 0600

STRATOSPHERE-Stratosphere:Temperature:Variations 1275, 1312, 1313

STRATOSPHERE-Stratosphere:Water Vapor:Observations 1940

STRATOSPHERE-Stratosphere:Winds:Analysis 1086, 1247

STRATOSPHERE-(see next page)



# METEOROLOGY SUBJECT INDEX

## PARTS-(Cont.)

STRATOSPHERE-Stratosphere:Winds:Jet Stream  
1801

STRATOSPHERE-Stratosphere:Winds:Observations  
0528

STRATOSPHERE-Stratosphere:Winds:Sound  
Propagation 0600

STRATOSPHERE-Stratosphere:Winds:Synoptic  
Analysis 1157

STRATOSPHERE-Stratosphere:Winds:Variations  
1269, 1275, 1312

STRATOSPHERE-Stratosphere:Winds:Velocities  
0669

SURFACE-Chloride:Sampling:Surface 0737

SURFACE-Pressure:Surface:Synoptic Analysis  
1134

SURFACE-Surface:Observations:Networks  
1858

SURFACE-Surface:Winds:Differential Analysis  
1469

SURFACE-Tropical Cyclones:Winds:Surface  
0630

SURFACE-Winds:Surface:Analysis 0428

SURFACE-Winds:Surface:Statistical Studies  
0977

TROPOPAUSE-Tropopause:Clouds:Cloud Heights  
1675

TROPOPAUSE-Tropopause:Height:Summaries  
0757

TROPOPAUSE-Tropopause:Movement:Observations  
0565

TROPOSPHERE-Troposphere:Clouds:Cumulus  
0695

TROPOSPHERE-Troposphere:Energy:Budgets  
1636, 1917

TROPOSPHERE-Troposphere:Heating:Computation  
1389

TROPOSPHERE-Troposphere:Jet Stream:Observations  
0695

TROPOSPHERE-(see next column)

TROPOSPHERE-Troposphere:Moisture:Budgets  
1917

TROPOSPHERE-Troposphere:Momentum:Transport  
1606

TROPOSPHERE-Troposphere:Pressure:Troughs  
0668

TROPOSPHERE-Troposphere:Refractivity:Fore-  
casting 1228

TROPOSPHERE-Troposphere:Relative Humidity:  
Statistical Studies 1696

TROPOSPHERE-Troposphere:Relative Humidity:  
Summaries 1712

TROPOSPHERE-Troposphere:Water Vapor:Trans-  
port 1635

TROPOSPHERE-Troposphere:Winds:Convection  
0565

UPPER AIR-Upper Air:Aircraft Icing:Summar-  
ies 0757

UPPER AIR-Upper Air:Analysis 0395, 2013

UPPER AIR-Upper Air:Analysis:Models  
1869

UPPER AIR-Upper Air:Barotropy:Forecasting  
0811

UPPER AIR-Upper Air:Chloride:Sampling  
0894

UPPER AIR-Upper Air:Circulation:Analysis  
1290, 1800

UPPER AIR-Upper Air:Circulation:Description  
0282

UPPER AIR-Upper Air:Circulation:Forecasting  
0652

UPPER AIR-Upper Air:Circulation:Patterns  
0417

UPPER AIR-Upper Air:Circulation:Research  
Programs 1195

UPPER AIR-Upper Air:Circulation:Statistical  
Studies 1794

UPPER AIR-Upper Air:Circulation:Synoptic  
Analysis 0811

UPPER AIR-Upper Air:Circulation:Westward  
Drift 0115

# METEOROLOGY SUBJECT INDEX

## PARTS-(Cont.)

- UPPER AIR-Upper Air:Composite Analysis  
1511
- UPPER AIR-Upper Air:Cyclonic Circulation  
0577
- UPPER AIR-Upper Air:Cyclonic Circulation:  
Analysis 1246
- UPPER AIR-Upper Air:Density:Observations  
1877
- UPPER AIR-Upper Air:Density:Statistical  
Studies 1091, 1111, 1121
- UPPER AIR-Upper Air:Energy:Observations  
1760
- UPPER AIR-Upper Air:Haze:Volcanic Ash  
0594
- UPPER AIR-Upper Air:Humidity:Observations  
0699, 0990
- UPPER AIR-Upper Air:Humidity:Statistical  
Studies 1111
- UPPER AIR-Upper Air:Humidity:Summaries  
0597, 0757, 0915
- UPPER AIR-Upper Air:Instability:Analysis  
0492
- UPPER AIR-Upper Air:Jet Stream:Synoptic  
Analysis 1012
- UPPER AIR-Upper Air:Kinetic Energy:Budgets  
1777
- UPPER AIR-Upper Air:Moisture:Diurnal Vari-  
ations 0467
- UPPER AIR-Upper Air:Observations 0473,  
0635
- UPPER AIR-Upper Air:Observations:Aircraft  
0597, 1729
- UPPER AIR-Upper Air:Observations:Balloons  
0478, 0561, 1008
- UPPER AIR-Upper Air:Observations:Networks  
1858
- UPPER AIR-Upper Air:Observations:Radiosondes  
0468, 1799
- UPPER AIR-Upper Air:Observations:Rawin  
0414
- UPPER AIR-Upper Air:Observations:Rawin-  
sondes 0512
- UPPER AIR-Upper Air:Observations:Services  
0590
- UPPER AIR-Upper Air:Observations:Sound  
Propagation 0600
- UPPER AIR-Upper Air:Observations:Stations  
0533
- UPPER AIR-Upper Air:Observations:Tables  
0298, 0424
- UPPER AIR-Upper Air:Ozone:Observations  
1695
- UPPER AIR-Upper Air:Potential Temperature:  
Statistical Studies 1091
- UPPER AIR-Upper Air:Potential Temperature:  
Synoptic Analysis 1931
- UPPER AIR-Upper Air:Pressure:Analysis  
0450
- UPPER AIR-Upper Air:Pressure:Charts  
0536
- UPPER AIR-Upper Air:Pressure:Cross-Sections  
0495
- UPPER AIR-Upper Air:Pressure:Damping  
1755
- UPPER AIR-Upper Air:Pressure:Diurnal Var-  
iations 0468
- UPPER AIR-Upper Air:Pressure:Lows 2025
- UPPER AIR-Upper Air:Pressure:Observations  
0586, 0699
- UPPER AIR-Upper Air:Pressure:Standard  
Heights 0910
- UPPER AIR-Upper Air:Pressure:Statistical  
Studies 0910, 1088
- UPPER AIR-Upper Air:Pressure:Summaries  
0915
- UPPER AIR-Upper Air:Pressure:Synoptic Anal-  
ysis 1001, 2015
- UPPER AIR-Upper Air:Pressure:Troughs  
0618
- UPPER AIR-(see next page)

# METEOROLOGY SUBJECT INDEX

## PARTS--(Cont.)

UPPER AIR-Upper Air:Pressure:Variations  
0462, 0464

UPPER AIR-Upper Air:Pressure/Height:Analysis  
1650

UPPER AIR-Upper Air:Pressure/Height:Statistical Studies 1056, 1091,  
1111, 1122, 1155, 1358

UPPER AIR-Upper Air:Pressure/Height:Summaries  
0757, 1122

UPPER AIR-Upper Air:Radiations:Cooling  
1774

UPPER AIR-Upper Air:Radiation:Computation  
1786

UPPER AIR-Upper Air:Radiation:Heating  
1774

UPPER AIR-Upper Air:Radiation:Soundings  
1316

UPPER AIR-Upper Air:Radiosondes:Motorboating  
1476

UPPER AIR-Upper Air:Refractions:Split Images 0561

UPPER AIR-Upper Air:Refractive Index:Analysis  
1161

UPPER AIR-Upper Air:Relative Humidity:Analysis  
1357

UPPER AIR-Upper Air:Research Programs  
1729

UPPER AIR-Upper Air:Scattering:Lasers  
1789

UPPER AIR-Upper Air:Sensible Heat:Transport  
1140

UPPER AIR-Upper Air:Soundings 1091

UPPER AIR-Upper Air:Soundings:Rockets  
1598

UPPER AIR-Upper Air:Specific Humidity:Statistical Studies 1091

UPPER AIR-Upper Air:Stability:Diurnal Variations  
0467

UPPER AIR-Upper Air:Statistical Studies:Means 1005, 1091

UPPER AIR-Upper Air:Streamlines:Analysis  
0655

UPPER AIR-Upper Air:Streamlines:Thickness  
Analysis 0668

UPPER AIR-Upper Air:Summaries 0497

UPPER AIR-Upper Air:Temperature:Advection  
2025

UPPER AIR-Upper Air:Temperature:Computation  
1786

UPPER AIR-Upper Air:Temperature:Cross-Sections  
0495, 0987

UPPER AIR-Upper Air:Temperature:Diurnal  
Variations 0468

UPPER AIR-Upper Air:Temperature:Lapse Rates  
0565

UPPER AIR-Upper Air:Temperature:Observations  
0586, 0699

UPPER AIR-Upper Air:Temperature:Statistical  
Studies 0453, 0987, 1056,  
1111, 1121

UPPER AIR-Upper Air:Temperature:Structure  
1021

UPPER AIR-Upper Air:Temperature:Summaries  
0597, 0757, 0915, 0927, 0942,  
1208, 1358

UPPER AIR-Upper Air:Temperature:Synoptic  
Analysis 2015

UPPER AIR-Upper Air:Temperature:Variations  
0462, 0764, 0927

UPPER AIR-Upper Air:Thickness Anomalies:  
Analysis 1447

UPPER AIR-Upper Air:Turbulence:Forecasting  
1880

UPPER AIR-Upper Air:Water Vapor:Budgets  
1351

UPPER AIR-Upper Air:Water Vapor:Transport  
1140, 1775

UPPER AIR-Upper Air:Winds:Analysis 0342,  
0618, 0668, 0741, 0964, 1469,  
1875

UPPER AIR-Upper Air:Winds:Charts 0523,  
0594

# METEOROLOGY SUBJECT INDEX

## PARTS-(Cont.)

UPPER AIR-Upper Air:Winds:Contour Charts  
0704

UPPER AIR-Upper Air:Winds:Forecasting  
1259

UPPER AIR-Upper Air:Winds:Jet Stream  
0704

UPPER AIR-Upper Air:Winds:Measurements  
0195, 0215, 0216

UPPER AIR-Upper Air:Winds:Observations  
0699, 0710, 1598, 1890, 1891,  
1892, 1952, 2028

UPPER AIR-Upper Air:Winds:Patterns 0859

UPPER AIR-Upper Air:Winds:Services 0789

UPPER AIR-Upper Air:Winds:Shear 1111,  
1245

UPPER AIR-Upper Air:Winds:Soundings  
0556

UPPER AIR-Upper Air:Winds:Steering 0321,  
0418

UPPER AIR-Upper Air:Winds:Streamline Anal-  
ysis 0495

UPPER AIR-Upper Air:Winds:Summaries  
0308, 0475, 0637, 0675, 0757,  
0977, 0978, 1085, 1179, 1276,  
1400, 1654, 1671, 1797

UPPER AIR-Upper Air:Winds:Synoptic Analy-  
sis 1439, 2015

UPPER AIR-Upper Air:Winds:Tables  
1008

UPPER AIR-Upper Air:Winds:Variations  
0536, 0675, 1260

UPPER AIR-Upper Air:Winds:Vertical Motion  
1932

UPPER AIR-Upper Air:Winds:Vorticity  
1327

UPPER AIR-Upper Air:Winds:Westerlies  
1353

THING/ACTIVITY-Atmosphere, Easterlies, etc.  
(see next column)

## THING/ACTIVITY-Atmosphere, Easterlies, etc.

ATMOSPHERE-Atmosphere:Barotropy:Models  
1401

ATMOSPHERE-Atmosphere:Fungus Spores:Obs-  
ervations 0720

ATMOSPHERE-Atmosphere:Heating:Vertical  
Transport 0709

ATMOSPHERE-Atmosphere:Layers:Homogeneity  
0595

ATMOSPHERE-Atmosphere:Lunar Tides:Observa-  
tions 1637

ATMOSPHERE-Atmosphere:Molds:Summaries  
0720

ATMOSPHERE-Atmosphere:Pollution 1737

ATMOSPHERE-Atmosphere:Pollution:Sampling  
1643

ATMOSPHERE-Atmosphere:Radio Propagation  
0955

ATMOSPHERE-Atmosphere:Radio Propagation:  
Scintillations 0540

ATMOSPHERE-Atmosphere:Refraction:Analysis  
1631

ATMOSPHERE-Atmosphere:Scattering:Lasers  
1610

ATMOSPHERE-Atmosphere:Statistical Studies:  
Means 0630, 0915

ATMOSPHERE-Atmosphere:Structure:Equivalent  
Potential Temperature 1760

CYCLONES-Pressure:Cyclones:Cyclogenesis  
0473

EASTERLIES-Easterlies:Precipitation:Obs-  
ervations 1418

EASTERLIES-Winds:Easterlies:Shear 1370

EASTERLY WAVES-Easterly Waves:Analysis  
1819

EASTERLY WAVES-Easterly Waves:Circulation:  
Computation 1434

EASTERLY WAVES-Easterly Waves:Clouds:Analy-  
sis 1357, 1812, 1818

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

EASTERLY WAVES-Easterly Waves:Clouds:Classification 1434	EASTERLY WAVES-Easterly Waves:Synoptic Analysis 0395, 0732, 0810
EASTERLY WAVES-Easterly Waves:Clouds:Models 1493	EASTERLY WAVES-Easterly Waves:Winds:Analysis 1812, 1818
EASTERLY WAVES-Easterly Waves:Clouds:Observations 1066, 1434, 1483, 1570, 1596, 1721	EASTERLY WAVES-Easterly Waves:Winds:Damage 1241
EASTERLY WAVES-Easterly Waves:Cyclogenesis 0793	EASTERLY WAVES-Easterly Waves:Winds:Vertical Motion 1182, 1856, 1857
EASTERLY WAVES-Easterly Waves:Cyclogenesis: Analysis 1818	EASTERLY WAVES-Easterly Waves:Winds:Vorticity 1857
EASTERLY WAVES-Easterly Waves:Description 0430	EASTERLY WAVES-Trade Winds:Easterly Waves: Description 0567
EASTERLY WAVES-Easterly Waves:Energy:Budgets 1493	EQUATORIAL FRONTS-Equatorial Fronts: Description 0514
EASTERLY WAVES-Easterly Waves:Energy:Computation 1483	EXTRATROPICAL CYCLONES-Extratropical Cyclones:Cyclogenesis:Forecasting 0502
EASTERLY WAVES-Easterly Waves:Latent Heat: Computation 1483	EXTRATROPICAL CYCLONES-Extratropical Cyclones:Summaries 0684
EASTERLY WAVES-Easterly Waves:Observations: Aircraft 1483	EXTRATROPICAL CYCLONES-Extratropical Cyclones:Synoptic Analysis 0836
EASTERLY WAVES-Easterly Waves:Precipitation:Analysis 0907	FRONTAL WAVES-Frontal Waves:Forecasting 0502
EASTERLY WAVES-Easterly Waves:Precipitation:Forecasting 2011	FRONTS-Fronts:Air/Sea Interaction 1878
EASTERLY WAVES-Easterly Waves:Precipitation:Synoptic Analysis 1673	FRONTS-Fronts:Analysis 0350
EASTERLY WAVES-Easterly Waves:Pressure:Variations 0559	FRONTS-Fronts:Clouds:Observations 0420
EASTERLY WAVES-Easterly Waves:Rainstorms: Analysis 1812	FRONTS-Fronts:Cyclogenesis:Analysis 1419
EASTERLY WAVES-Easterly Waves:Sensible Heat:Computation 1483	FRONTS-Fronts:Dissipation:Description 0311
EASTERLY WAVES-Easterly Waves:Streamlines: Computation 1182	FRONTS-Fronts:Movement:Surface Effects 1023
EASTERLY WAVES-Easterly Waves:Summaries 0732, 0810, 1785	FRONTS-Fronts:Movement:Synoptic Analysis 1023
	FRONTS-Fronts:Precipitation:Observations 0420
	FRONTS-Fronts:Summaries 1475

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

FRONTS-Fronts:Synoptic Analysis	0806, 1571	HURRICANES-Hurricanes:Circulation:Analysis	0030, 0884, 0919, 0935
HAILSTORMS-Hailstorms:Hail:Description	0123	HURRICANES-Hurricanes:Circulation:Descrip- tion	0096
HAILSTORMS-Hailstorms:Movement:Maps	0112	HURRICANES-Hurricanes:Circulation:Dynamic Analysis	1037
HAILSTORMS-Hailstorms:Observations: Description	0189	HURRICANES-Hurricanes:Circulation:Forecast- ing	0674, 0926, 1019
HAILSTORMS-Hailstorms:Summaries	0188	HURRICANES-Hurricanes:Circulation:Models	0671, 1037, 1793
HURRICANES-Hurricanes:Advisories	0761, 1050, 1456, 1458, 1459, 1460, 1577	HURRICANES-Hurricanes:Circulation:Observa- tions	0083, 1053
HURRICANES-Hurricanes:Advisories:Services	1461, 1484	HURRICANES-Hurricanes:Circulation:Steering	0463, 0562, 0589
HURRICANES-Hurricanes:Air Masses:Budgets	1249	HURRICANES-Hurricanes:Circulation:Subsi- dence	1411
HURRICANES-Hurricanes:Air/Sea Interaction	0903, 1308, 1904, 2486, 2487, 2576	HURRICANES-Hurricanes:Circulation:Vertical Coupling	1679
HURRICANES-Hurricanes:Analvsis	0589, 1371	HURRICANES-Hurricanes:Classification	0713, 0913, 0931, 1127, 1433, 2046
HURRICANES-Hurricanes:Analysis:Cross-Sec- tions	0569	HURRICANES-Hurricanes:Classification:Sum- maries	2046
HURRICANES-Hurricanes:Analysis:Research Programs	1986	HURRICANES-Hurricanes:Cloud Streets:Fore- casting	1498
HURRICANES-Hurricanes:Angular Momentum: Transport	1248	HURRICANES-Hurricanes:Clouds	0017
HURRICANES-Hurricanes:Baroclinic Instabil- ity	1451	HURRICANES-Hurricanes:Clouds:Cirrus	1941
HURRICANES-Hurricanes:Barotropic Instabil- ity	1451	HURRICANES-Hurricanes:Clouds:Computation	1593
HURRICANES-Hurricanes:Barotropic Models	0938, 1969	HURRICANES-Hurricanes:Clouds:Convective Bands	1411
HURRICANES-Hurricanes:Bibliographies	0031, 0048, 0827, 1372, 1374	HURRICANES-Hurricanes:Clouds:Cumulonimbus	1191
HURRICANES-Hurricanes:Bright Band:Observa- tions	1237	HURRICANES-Hurricanes:Clouds:Modification	1094, 1562, 1536
HURRICANES-Hurricanes:Casualties:Summaries	0398, 0399	HURRICANES-Hurricanes:Clouds:Nephanalysis	1346, 1804
HURRICANES-(see next column)		HURRICANES-Hurricanes:Clouds:Observations	0421, 0822, 1273, 1392, 1404, 1515, 1784

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Clouds:Photography  
0448, 0485, 1253

HURRICANES-Hurricanes:Clouds:Spiral Bands  
1010

HURRICANES-Hurricanes:Clouds:Summaries  
1217

HURRICANES-Hurricanes:Communications:Man-  
uals 0946

HURRICANES-Hurricanes:Conferences 0627,  
0839, 0854, 0945, 1041, 1335,  
1455, 1473, 1568, 1959, 2004,  
2049

HURRICANES-Hurricanes:Conferences(WMO)  
0876

HURRICANES-Hurricanes:Convection:Theory  
0111

HURRICANES-Hurricanes:Convective Instabil-  
ity 1451

HURRICANES-Hurricanes:Cyclogenesis 0358,  
0828, 0836, 0931

HURRICANES-Hurricanes:Cyclogenesis:Analy-  
sis 0303, 0492, 0495, 0618,  
0733, 0766, 0785, 0792, 0819,  
0837, 0855, 0859, 0995, 1075,  
1087, 1245, 1274, 1300, 1386,  
1397, 1398, 1548, 1552, 1592,  
1609, 1744, 1747, 1784, 1787,  
1918, 2017, 2020

HURRICANES-Hurricanes:Cyclogenesis:Descrip-  
tion 0138, 0378, 0660, 0871

HURRICANES-Hurricanes:Cyclogenesis:Dynamic  
Analysis 1451

HURRICANES-Hurricanes:Cyclogenesis:Fore-  
casting 0017, 0084, 0206,  
0276, 0370, 0376, 0674, 0926,  
0935, 0983, 1019, 1025, 1149,  
1150, 1291, 1318, 1472, 2927

HURRICANES-Hurricanes:Cyclogenesis:ITCZ  
0793, 0893

HURRICANES-Hurricanes:Cyclogenesis:Models  
1604

HURRICANES-Hurricanes:Cyclogenesis:Ship  
Reports 0504

HURRICANES-(see next column)

HURRICANES-Hurricanes:Cyclogenesis:Sta-  
tistical Studies 1350

HURRICANES-Hurricanes:Cyclogenesis:Summar-  
ies 0763, 0768, 0780, 1403

HURRICANES-Hurricanes:Cyclogenesis:Synop-  
tic Analysis 0803, 1304,  
1443

HURRICANES-Hurricanes:Cyclogenesis:Theory  
(Abercromby) 0155

HURRICANES-Hurricanes:Cyclogenesis:Thermo-  
dynamic Analysis 1472

HURRICANES-Hurricanes:Damage:Classification  
2008

HURRICANES-Hurricanes:Damage:Crops 0807,  
0814

HURRICANES-Hurricanes:Damage:Description  
0015, 0204, 0210, 0452, 0470  
0617, 0858

HURRICANES-Hurricanes:Damage:Photography  
0606

HURRICANES-Hurricanes:Damage:Property Loss  
0465, 0498, 0555, 0621, 0711,  
0717, 0743, 0798, 0807, 0833,  
0877, 0900, 0922, 0935, 1147,  
1169, 1218, 1220, 1288, 1307,  
1438, 1473, 1485, 1492, 1497,  
1529, 1550, 1573, 1574, 1587,  
1609, 1683, 1704, 1733, 1736,  
1808, 1835, 1921, 2023, 2030,  
2060, 2153, 2520, 2712

HURRICANES-Hurricanes:Damage:Reefs 1333,  
1566

HURRICANES-Hurricanes:Damage:Relief  
1703

HURRICANES-Hurricanes:Damage:Summaries  
0398, 0399, 0799, 0950, 0981,  
1359, 1762, 2008

HURRICANES-Hurricanes:Damage:Vegetation  
1333, 1566, 2033

HURRICANES-Hurricanes:Description 0001,  
0003, 0004, 0005, 0007, 0011,  
0016, 0024, 0025, 0057, 0067,  
0177, 0199, 0217, 0254, 0656,  
0738, 0746, 1057, 1541, 1565,  
1617, 1690, 1779, 1781

HURRICANES-Hurricanes:Description(Dunn)  
1146

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Description:Lectures 0075	HURRICANES-Hurricanes:Dynamics:Theory 0030
HURRICANES-Hurricanes:Description:Press Reports 0233	HURRICANES-Hurricanes:Education 0598
HURRICANES-Hurricanes:Design Data 0531	HURRICANES-Hurricanes:Energy:Air/Sea Inter- action 1302, 1473
HURRICANES-Hurricanes:Disasters 0079, 0797	HURRICANES-Hurricanes:Energy:Analysis 0828
HURRICANES-Hurricanes:Disasters:Description 0099, 0101, 0102, 0103, 0104, 0106, 0107, 0109, 0114, 0202	HURRICANES-Hurricanes:Energy:Angular Momentum 1184
HURRICANES-Hurricanes:Disasters:Human Life 0103, 0419, 0441, 0465, 0685, 0711, 0717, 0798, 0877, 0922, 0957, 1218, 1220, 1304, 1352, 1405, 1407, 1438, 1473, 1492, 1497, 2008	HURRICANES-Hurricanes:Energy:Budgets 1778
HURRICANES-Hurricanes:Disasters:Prevention 1336	HURRICANES-Hurricanes:Energy:Dissipation 1436
HURRICANES-Hurricanes:Disasters:Property Loss 0103, 0106, 0220, 0419, 0441, 0518, 0520, 0521, 0685 0786	HURRICANES-Hurricanes:Energy:Heat Exchange 1184
HURRICANES-Hurricanes:Disasters:Relief 0010, 0100, 0204, 0224, 0300	HURRICANES-Hurricanes:Energy:Heating 1860
HURRICANES-Hurricanes:Disasters:Rescue 0106	HURRICANES-Hurricanes:Energy:Latent Heat 0036, 1904
HURRICANES-Hurricanes:Disasters:Summaries 0621, 0755, 1762	HURRICANES-Hurricanes:Energy:Models 1720
HURRICANES-Hurricanes:Dissipation 0828	HURRICANES-Hurricanes:Energy:Surface Effects 1489
HURRICANES-Hurricanes:Dissipation:Decay Rate 0569	HURRICANES-Hurricanes:Energy:Transport 1308
HURRICANES-Hurricanes:Dissipation:Dry Air Advection 0277	HURRICANES-Hurricanes:Energy Exchange:Air/ Sea Interaction 0902
HURRICANES-Hurricanes:Double Eye:Observa- tions 0474, 1236, 1237	HURRICANES-Hurricanes:Energy Exchange: Budgets 1249
HURRICANES-Hurricanes:Drag Coefficients: Computation 1214	HURRICANES-Hurricanes:Energy Exchange:Com- putation 1080
HURRICANES-Hurricanes:Dynamic Analysis 1709	HURRICANES-Hurricanes:Engineering:Design Data 1496, 1853, 1925, 2012
HURRICANES-(see next column)	HURRICANES-Hurricanes:Engineering:Struc- tural Design 0210, 0226
	HURRICANES-Hurricanes:Eye:Analysis 0804, 1294
	HURRICANES-Hurricanes:Eye:Movement 0807, 1325
	HURRICANES-Hurricanes:Eye:Observations 0496, 0542, 0916, 1321
	HURRICANES-Hurricanes:Eye:Radar 1163
	HURRICANES-(see next page)



# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Eye:Structure  
0855, 1010, 1283, 1763

HURRICANES-Hurricanes:Forecasting  
0004, 0125, 0155, 0247, 0256,  
0460, 0541, 0567, 0667, 0703,  
0854, 0855, 0950, 1076, 1264,  
1279, 1350, 1805, 2174

HURRICANES-Hurricanes:Forecasting:Biogra-  
phies 0120

HURRICANES-Hurricanes:Forecasting:Computa-  
tion 0805

HURRICANES-Hurricanes:Forecasting:Evacua-  
tion 0584, 1427

HURRICANES-Hurricanes:Forecasting:Evalua-  
tion 0819, 0984, 1453, 1463,  
1491

HURRICANES-Hurricanes:Forecasting:Frequen-  
cies 1724

HURRICANES-Hurricanes:Forecasting:Manuals  
1177

HURRICANES-Hurricanes:Forecasting:Offshore  
Drilling 0646

HURRICANES-Hurricanes:Forecasting:Services  
0774, 0824

HURRICANES-Hurricanes:Forecasting:Summar-  
ies 0780, 0795

HURRICANES-Hurricanes:Hazards:Human Life  
0079

HURRICANES-Hurricanes:Hazards:Ships  
0026

HURRICANES-Hurricanes:Human Life:Evacuation  
1378

HURRICANES-Hurricanes:Humidity:Analysis  
0495

HURRICANES-Hurricanes:Instability:Models  
1451

HURRICANES-Hurricanes:Intensity:Analysis  
1248

HURRICANES-Hurricanes:Intensity:Classifi-  
cation 1329

HURRICANES-(see next column)

HURRICANES-Hurricanes:Intensity:Descrip-  
tion 0247, 0253

HURRICANES-Hurricanes:Intensity:Statisti-  
cal Studies 1149

HURRICANES-Hurricanes:Intensity:Variations  
1100

HURRICANES-Hurricanes:Latent Heat:Analysis  
0908

HURRICANES-Hurricanes:Latent Heat:Computa-  
tion 1014, 1876

HURRICANES-Hurricanes:Latent Heat:Transport  
1035

HURRICANES-Hurricanes:Manuals 1512

HURRICANES-Hurricanes:Models 1803

HURRICANES-Hurricanes:Modification:Evalua-  
tion 1380, 1385, 1387, 1692

HURRICANES-Hurricanes:Modification:Models  
1905

HURRICANES-Hurricanes:Modification:Nuclear  
Explosions 1031

HURRICANES-Hurricanes:Modification:Research  
Programs 1698, 1717, 1761,  
1828, 1912, 2003, 2007

HURRICANES-Hurricanes:Modification:Seeding  
1323, 1380, 1385, 1387, 1389,  
1414, 1450, 1661, 1691, 1698,  
1717, 1743, 1761, 1846, 1906,  
1912, 1937, 1979, 1981

HURRICANES-Hurricanes:Moisture:Budgets  
1249, 1778

HURRICANES-Hurricanes:Moisture:Transport  
1184

HURRICANES-Hurricanes:Momentum:Budgets  
1778

HURRICANES-Hurricanes:Momentum:Transport  
1302, 1543

HURRICANES-Hurricanes:Movement:Analysis  
0792, 0903, 0995, 1073, 1514,  
1824, 2040

HURRICANES-Hurricanes:Movement:Blocking  
High 0084, 0766, 0836

HURRICANES-(see next page)

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Movement:Charts  
0017, 0028, 0030, 0097, 0419,  
0532, 0539

HURRICANES-Hurricanes:Movement:Classifica-  
tion 1771, 1973, 1974, 1975

HURRICANES-Hurricanes:Movement:Computation  
0511

HURRICANES-Hurricanes:Movement:Description  
0096, 0264, 0287, 0429, 0441,  
0448, 0452, 0470, 0477, 0660

HURRICANES-Hurricanes:Movement:Forecasting  
0036, 0084, 0175, 0359, 0395,  
0463, 0562, 0589, 0630, 0631,  
0655, 0721, 0753, 0822, 0838,  
0898, 0933, 0938, 0949, 0983,  
0984, 1027, 1047, 1101, 1112,  
1123, 1132, 1162, 1188, 1294,  
1335, 1453, 1463, 1514, 1533,  
1783, 1803, 1820, 1824, 1887,  
1947, 1969, 2154, 2157, 2699

HURRICANES-Hurricanes:Movement:Maps  
0113, 0282, 0487, 0490, 0525

HURRICANES-Hurricanes:Movement:Observations  
1251, 1258, 1609

HURRICANES-Hurricanes:Movement:Orographic  
Effects 0343

HURRICANES-Hurricanes:Movement:Radar  
1187, 1188, 1271

HURRICANES-Hurricanes:Movement:Steering  
0938

HURRICANES-Hurricanes:Movement:Storm Track-  
ing 0511

HURRICANES-Hurricanes:Movement:Summaries  
0257, 0398, 0399, 0402, 0473,  
0525, 0763, 0951, 1279, 1519

HURRICANES-Hurricanes:Movement:Surface  
Effects 0481

HURRICANES-Hurricanes:Movement:Synoptic  
Analysis 0499, 0617, 1268

HURRICANES-Hurricanes:Movement:Synoptic  
Charts 0947

HURRICANES-Hurricanes:Movement:Tracks  
0165, 0247, 0555, 0606, 0648,  
0671, 0674, 0743, 0768, 0786,

HURRICANES-Hurricanes:Movement:Tracks  
(Cont.) 0787, 0794,  
0798, 0800, 0807, 0855, 0856  
0858, 0866, 0871, 0901, 0909,  
0921, 0926, 0928, 0942, 0979,  
0991, 1031, 1074, 1101, 1129,  
1169, 1218, 1219, 1288, 1305,  
1307, 1322, 1336, 1359, 1384,  
1405, 1456, 1462, 1466, 1488,  
1516, 1519, 1578, 1597, 1651,  
1787, 1834, 1852, 1853, 2046,  
2353, 2520

HURRICANES-Hurricanes:Movement:Variations  
0347, 0819, 1283

HURRICANES-Hurricanes:Navigation:Ship  
Avoidance 0059, 0266, 0274,  
0747

HURRICANES-Hurricanes:Navigation:Storm  
Avoidance 0028

HURRICANES-Hurricanes:Networks:Manuals  
0865

HURRICANES-Hurricanes:Observations 0022,  
0541, 1050, 1072, 1126, 1128,  
1133, 1238, 1267, 1337, 1395,  
2060

HURRICANES-Hurricanes:Observations:Aircraft  
0399, 0421, 0448, 0513, 0588,  
0750, 0753, 0755, 0774, 0804,  
0816, 0855, 1097, 1163, 1165,  
1185, 1217, 1249, 1287, 1371,  
1389, 1408, 1461, 1497, 1516,  
1621, 1661, 1775, 1732, 1781,  
1826, 1827, 1919, 1980

HURRICANES-Hurricanes:Observations:AIREPS  
0776

HURRICANES-Hurricanes:Observations:Balloons  
0441, 0445

HURRICANES-Hurricanes:Observations:Descrip-  
tion 0031, 0035, 0050, 0054,  
0062, 0069, 0070, 0087, 0093,  
0125, 0127, 0134, 0135, 0143,  
0146, 0147, 0149, 0155, 0163,  
0165, 0213, 0218, 0263, 0277,  
0283, 0284, 0364, 0439, 0441,  
0452, 0470, 0493, 0500, 0691,  
0692, 0711

HURRICANES-Hurricanes:Observations:Evalu-  
ation 1425

HURRICANES-Hurricanes:Observations:Indexes  
0868, 0870, 1051

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Observations:Networks 0854

HURRICANES-Hurricanes:Observations:Photography 2036

HURRICANES-Hurricanes:Observations:POMARS 0776

HURRICANES-Hurricanes:Observations:Radar 0477, 0736, 0807, 0897, 1010, 1092, 1165, 1185, 1187, 1222, 1236, 1237, 1240, 1306, 1324, 1325, 1365, 1446, 1498, 1555, 1556, 1627, 1687, 1825

HURRICANES-Hurricanes:Observations:Radiosondes 0448, 0496, 0683

HURRICANES-Hurricanes:Observations:Requirements 0376, 0773, 0796, 0805, 0816, 0820

HURRICANES-Hurricanes:Observations:Research Programs 2897

HURRICANES-Hurricanes:Observations:Satellites 1285, 1288, 1291, 1297, 1305, 1498, 1593, 1721, 1771, 1779, 1781, 1804, 1844, 1918

HURRICANES-Hurricanes:Observations:Services 0278

HURRICANES-Hurricanes:Observations:Ship Logs 0077

HURRICANES-Hurricanes:Observations:Ship Reports 0266, 1007, 1076, 1099, 1834

HURRICANES-Hurricanes:Observations:Spacecraft 2036, 2044

HURRICANES-Hurricanes:Observations:Summaries 0986

HURRICANES-Hurricanes:Observations:Unmanned Stations 1666

HURRICANES-Hurricanes:Observations:Unmanned Stations(MAMOS) 1326

HURRICANES-Hurricanes:Offshore Drilling:Insurance 0520

HURRICANES-Hurricanes:Photography:Radar 0511, 0524

HURRICANES-Hurricanes:Photography:Satellites 1411

HURRICANES-Hurricanes:Potential Energy:Analysis 1860

HURRICANES-Hurricanes:Precipitation:Analysis 0786, 0908

HURRICANES-Hurricanes:Precipitation:Blizzards 0075

HURRICANES-Hurricanes:Precipitation:Classification 0940, 1974, 1975

HURRICANES-Hurricanes:Precipitation:Damage 0714

HURRICANES-Hurricanes:Precipitation:Distribution 0257

HURRICANES-Hurricanes:Precipitation:Flooding 0754, 0833, 0854, 0871, 1359, 1604, 1972, 2023, 2464, 2719, 2770, 2771

HURRICANES-Hurricanes:Precipitation:Isohyets 0138, 0754

HURRICANES-Hurricanes:Precipitation:Observations 0083, 0293, 0518, 0606, 0617, 0632, 0688, 0787, 0834, 0916, 1010, 1133, 1204, 1218, 1249, 1557, 1558, 1627, 1686

HURRICANES-Hurricanes:Precipitation:Statistical Studies 0680, 1014, 1329, 1943, 1972

HURRICANES-Hurricanes:Precipitation:Summaries 0739, 0763, 0855, 0856, 0986, 1217, 1458, 1850, 2680

HURRICANES-Hurricanes:Precipitation:Synoptic Analysis 1630

HURRICANES-Hurricanes:Precipitation:Tables 0727, 1052

HURRICANES-Hurricanes:Precipitation:Variations 0940

HURRICANES-Hurricanes:Precipitation Bands:Analysis 0477, 0736

HURRICANES-Hurricanes:Pressure:Analysis 0495, 1283, 1317, 1494

HURRICANES-Hurricanes:Pressure:Barographs 0284

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Pressure:Charts  
0138

HURRICANES-Hurricanes:Pressure:Computa-  
tion 1306

HURRICANES-Hurricanes:Pressure:Contour  
Analysis 0729, 0733

HURRICANES-Hurricanes:Pressure:Description  
0441

HURRICANES-Hurricanes:Pressure:Filling  
1100

HURRICANES-Hurricanes:Pressure:Flooding  
2593

HURRICANES-Hurricanes:Pressure:Forecasting  
0913

HURRICANES-Hurricanes:Pressure:Insect  
Activity 1364

HURRICANES-Hurricanes:Pressure:Measurement  
0163

HURRICANES-Hurricanes:Pressure:Observations  
0083, 0470, 0518, 0717, 0743,  
0787, 0797, 0897, 1099, 1204,  
1205, 1218, 1488, 1497, 1645,  
1920

HURRICANES-Hurricanes:Pressure:Profiles  
0022, 0682, 1532

HURRICANES-Hurricanes:Pressure:Summaries  
0398, 0399, 0419, 0763, 0856,  
0986, 1149, 1428, 1458, 2576

HURRICANES-Hurricanes:Pressure:Surface  
Effects 2772

HURRICANES-Hurricanes:Pressure:Synoptic  
Analysis 1338

HURRICANES-Hurricanes:Pressure/Height:  
Charts 1206

HURRICANES-Hurricanes:Proceedings 0780

HURRICANES-Hurricanes:Protection 1130

HURRICANES-Hurricanes:Protection Plans  
1705

HURRICANES-Hurricanes:Public Refuges  
0818

HURRICANES-(see next column)

HURRICANES-Hurricanes:Radar:Research Pro-  
grams 1981

HURRICANES-Hurricanes:Radio Propagation:  
Analysis 1825

HURRICANES-Hurricanes:Research 1139

HURRICANES-Hurricanes:Research Programs  
0801, 0848, 0871, 1062, 1406,  
1484, 1586, 1667, 1687, 1718,  
2055, 2823

HURRICANES-Hurricanes:Sailing 1030

HURRICANES-Hurricanes:Seminars 0813

HURRICANES-Hurricanes:Services 0628,  
0820, 1844, 1845

HURRICANES-Hurricanes:Solar Constant:Vari-  
ations 0479

HURRICANES-Hurricanes:Soundings 1005

HURRICANES-Hurricanes:Spiral Bands:Radar  
1187, 1258

HURRICANES-Hurricanes:Stability:Synoptic  
Analysis 0495

HURRICANES-Hurricanes:Static Electricity  
0379

HURRICANES-Hurricanes:Statistical Studies  
0823

HURRICANES-Hurricanes:Statistical Studies:  
Forecasting 0838

HURRICANES-Hurricanes:Statistical Studies:  
Frequencies 0228, 0239, 0247,  
0249, 0269, 0487, 0490, 0631,  
0763, 0768, 0855, 0856, 0884,  
0909, 0931, 0950, 0951, 1074,  
1219, 1359, 1495, 1552, 1626,  
1668, 1762, 1836

HURRICANES-Hurricanes:Statistical Studies:  
Means 0445

HURRICANES-Hurricanes:Statistical Studies:  
Periodicities 0358, 0376

HURRICANES-Hurricanes:Statistical Studies:  
Probabilities 1216

HURRICANES-Hurricanes:Statistical Studies:  
Tracks 0138

HURRICANES-Hurricanes:Storm Tracking  
0703, 0903

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Storm Tracking:Air-  
craft 0524, 1831, 1867

HURRICANES-Hurricanes:Storm Tracking:Baro-  
clinic Model 1167

HURRICANES-Hurricanes:Storm Tracking:  
Charts 2002

HURRICANES-Hurricanes:Storm Tracking:  
Microseisms 0460, 0612, 0673

HURRICANES-Hurricanes:Storm Tracking:  
Radar 0524, 0529, 0570, 0574,  
0726, 0816, 0854, 0897, 1072,  
1133, 1222, 1251, 1284, 1321,  
1324, 1335, 1345, 1365, 1645

HURRICANES-Hurricanes:Storm Tracking:  
Radiometers 1867

HURRICANES-Hurricanes:Storm Tracking:Satel-  
lites 1303, 1319, 1408, 1425,  
1500, 1621

HURRICANES-Hurricanes:Storm Tracking:Ser-  
vices 0774

HURRICANES-Hurricanes:Structure:Analysis  
0448, 0493, 0567, 0569, 1053,  
1559, 1679, 1793, 1918, 1919

HURRICANES-Hurricanes:Structure:Cross-  
Sections 0492, 1826, 1827

HURRICANES-Hurricanes:Structure:Eye  
0077

HURRICANES-Hurricanes:Structure:Summaries  
0768, 1791

HURRICANES-Hurricanes:Structure:Synoptic  
Analysis 0836, 1013, 1027

HURRICANES-Hurricanes:Structure:Theory  
(Espy) 0077

HURRICANES-Hurricanes:Structure:Theory  
(Ferrel) 0077

HURRICANES-Hurricanes:Summaries 0017,  
0025, 0027, 0031, 0034, 0036,  
0037, 0043, 0044, 0046, 0058,  
0083, 0111, 0113, 0124, 0126,  
0150, 0172, 0239, 0247, 0250,  
0292, 0398, 0399, 0451, 0459,  
0490, 0499, 0515, 0517, 0532,  
0539, 0541, 0555, 0576, 0588,  
0623, 0632, 0648, 0671, 0684,

## HURRICANES-Hurricanes:Summaries-(Cont.)

0685, 0703, 0713, 0714, 0717,  
0725, 0726, 0729, 0744, 0762,  
0763, 0768, 0778, 0779, 0785,  
0786, 0787, 0792, 0797, 0798,  
0799, 0800, 0829, 0855, 0856,  
0858, 0867, 0877, 0898, 0900,  
0921, 0922, 0941, 0947, 0948,  
0950, 0972, 0979, 0991, 0994,  
1031, 1047, 1048, 1073, 1074,  
1075, 1087, 1109, 1123, 1127,  
1129, 1144, 1147, 1169, 1206,  
1218, 1264, 1285, 1288, 1301,  
1303, 1305, 1359, 1362, 1373,  
1374, 1376, 1406, 1407, 1414,  
1425, 1428, 1435, 1450, 1456,  
1473, 1479, 1485, 1488, 1492,  
1495, 1496, 1497, 1512, 1517,  
1531, 1533, 1578, 1608, 1651,  
1668, 1704, 1732, 1741, 1780,  
1813, 1836, 1845, 1946, 1960,  
1973, 1992, 2006, 2016, 2020,  
2033, 2047, 2719, 2771, 3078

## HURRICANES-Hurricanes:Summaries:Maps

## HURRICANES-Hurricanes:Surface Effects

0581, 1658

## HURRICANES-Hurricanes:Surface Effects: Classification

2383

## HURRICANES-Hurricanes:Synoptic Analysis

0395, 0518, 0721

## HURRICANES-Hurricanes:Synoptic Analysis: Charts

0567, 0867, 1206

## HURRICANES-Hurricanes:Temperature:Analysis

0495

## HURRICANES-Hurricanes:Temperature:Fore- casting

0926

## HURRICANES-Hurricanes:Temperature:Gradients

1813

## HURRICANES-Hurricanes:Temperature:Observa- tions

0916, 1097, 1300, 1763

## HURRICANES-Hurricanes:Temperature:Structure

0843

## HURRICANES-Hurricanes:Temperature:Summaries

1217

## HURRICANES-Hurricanes:Temperature:Synoptic Analysis

0886

## HURRICANES-Hurricanes:Textbooks

0623

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Theory 0028, 0854

HURRICANES-Hurricanes:Tornadoes:Analysis 1811

HURRICANES-Hurricanes:Tornadoes:Forecasting 1641, 1684

HURRICANES-Hurricanes:Tornadoes:Observations 0935, 1624, 1808

HURRICANES-Hurricanes:Tornadoes:Summaries 1641, 1811, 1888

HURRICANES-Hurricanes:Warning Centers 0513

HURRICANES-Hurricanes:Warnings 0334, 0452, 0584, 0680, 0855, 0856, 1126, 1128, 1204, 1205, 1267, 1395, 2326

HURRICANES-Hurricanes:Warnings:Evaluation 0818, 1123, 1200, 1372

HURRICANES-Hurricanes:Warnings:Requirements 0359

HURRICANES-Hurricanes:Warnings:Services 0274, 0278, 0651, 0739, 0764, 0876, 0885, 1147, 1706, 1809, 1831, 1999

HURRICANES-Hurricanes:Warnings:Ship Avoidance 0103

HURRICANES-Hurricanes:Warnings:Unmanned Stations 1255

HURRICANES-Hurricanes:Winds:Advection 1038

HURRICANES-Hurricanes:Winds:Air/Sea Interaction 0734, 1494, 1549, 1985, 2505

HURRICANES-Hurricanes:Winds:Analysis 0785, 0983, 1083, 1274, 1592, 2382

HURRICANES-Hurricanes:Winds:Building Design 0835

HURRICANES-Hurricanes:Winds:Charts 0017, 1465

HURRICANES-Hurricanes:Winds:Classification 0239, 2714

HURRICANES-Hurricanes:Winds:Computation 1306, 1412

HURRICANES-Hurricanes:Winds:Damage 0210, 0293, 0714

HURRICANES-Hurricanes:Winds:Description 0257, 0441

HURRICANES-Hurricanes:Winds:Divergence 1015, 1021

HURRICANES-Hurricanes:Winds:Entrainment 1920

HURRICANES-Hurricanes:Winds:Equations of Motion 0682

HURRICANES-Hurricanes:Winds:Force 0028

HURRICANES-Hurricanes:Winds:Forecasting 0036, 0646, 1112

HURRICANES-Hurricanes:Winds:Geostrophic Analysis 0683

HURRICANES-Hurricanes:Winds:Instability 1692

HURRICANES-Hurricanes:Winds:Isotachs 1151

HURRICANES-Hurricanes:Winds:Kinematic Analysis 0750

HURRICANES-Hurricanes:Winds:Models 1015, 1397, 1532, 2376

HURRICANES-Hurricanes:Winds:Observations 0083, 0470, 0518, 0521, 0606, 0632, 0787, 0797, 0814, 0983, 1097, 1099, 1163, 1204, 1205, 1218, 1329, 1549, 1597, 1732

HURRICANES-Hurricanes:Winds:Patterns 0310

HURRICANES-Hurricanes:Winds:Shear 1179

HURRICANES-Hurricanes:Winds:Streamline Analysis 1747

HURRICANES-Hurricanes:Winds:Structural Loading 0835

HURRICANES-Hurricanes:Winds:Summaries 0206, 0249, 0398, 0399, 0419, 0555, 0763, 0856, 0951, 0986, 1217, 1428, 1458, 2506, 2576

HURRICANES-(see next page)

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

HURRICANES-Hurricanes:Winds:Surface Effects  
0866, 1016, 1683, 2178, 2388,  
2397, 2494, 2553, 2626, 2636,  
2641, 2642, 2643, 2698, 2747,  
2756, 2763, 2854, 2878, 2887,  
2888, 2912

HURRICANES-Hurricanes:Winds:Surface Friction 0682, 1214

HURRICANES-Hurricanes:Winds:Surface Stress  
1302, 1317, 1494, 1778, 1919

HURRICANES-Hurricanes:Winds:Synoptic Analysis 0022, 1338

HURRICANES-Hurricanes:Winds:Tables  
0452

HURRICANES-Hurricanes:Winds:Ventilation  
1038, 1249

HURRICANES-Hurricanes:Winds:Vertical  
1015, 1392

HURRICANES-Hurricanes:Winds:Vorticity  
1015, 1392

## DIVISION OF HURRICANES BY HURRICANE NAMES

ABBY 1220, 1497  
ABLE 0655, 0692, 0947  
ALICE 0671, 0733, 0746, 0785, 0800,  
1047, 1306  
ALMA 1075, 1123, 1362, 1704, 1738,  
1784, 1836, 1856, 2017  
ANNA 0900, 1285, 1288, 1291, 1411,  
1466, 1500, 1608, 1721  
ARLENE 1245, 1407, 1414, 1960, 1992,  
2020  
AUDREY 0901, 0919, 0921, 0926, 0935,  
0979, 1016, 1051, 1162, 1187,  
1188, 1240, 1352, 1556, 1736  
BAKER 0655, 0656, 0947  
BARBARA 0671, 0947  
BECKY 0995, 1248, 1273, 1347, 1362,  
1466  
BERTHA 0979  
BETSY 0807, 0897, 0900, 0916, 0938,  
0947, 1015, 1072, 1133, 1162,  
1266, 1285, 1288, 1297, 1305,  
1404, 1466, 1484, 1519, 1529,  
1541, 1550, 1573, 1574, 1577,  
1587, 1597, 1608, 1613, 1651,  
1658, 1683, 1686, 1687, 1690,  
1703, 1736, 1747, 1925, 1941,  
2040

BEULAH 1380, 1389, 1407, 1414, 1450,  
1488, 1733, 1808, 1834, 1852  
1888, 1960, 2020  
BRENDA 1220, 1497  
CARLA 0900, 1218, 1238, 1267, 1268,  
1285, 1288, 1294, 1305, 1322,  
1325, 1336, 1337, 1338, 1364,  
1365, 1378, 1411, 1438, 1446,  
1462, 1473, 1519, 1558, 1592,  
1645, 1651, 1684, 1732, 1736,  
1889, 1969  
CAROL 0671, 0674, 0685, 0743, 0750,  
0913, 0938, 0947, 1248, 1329,  
1597, 1608, 1783  
CARRIE 0979, 1027, 1038, 1053, 1112,  
1273, 1347  
CELIA 1362, 1466  
CHARLIE 0947  
CHLOE 1960, 2020  
CINDY 1407, 1414, 1593  
CLEO 1220, 1371, 1492, 1497, 1514,  
1516, 1557, 1609, 1687  
CONNIE 0721, 0740, 0754, 0761, 0870,  
0913, 1015, 1047, 1092, 1187,  
1188, 1248, 1556, 1661  
EDITH 1407, 1414, 1593  
EDNA 0671, 0743, 0750, 0947, 1187,  
1188, 1329, 1556  
ELENA 1608  
ELLA 0938, 1050, 1075, 1080, 1184,  
1362, 1398, 1472, 1826  
ESTHER 0979, 1285, 1288, 1296, 1305,  
1319, 1323, 1346, 1389, 1392,  
1466, 1562, 1651, 1692  
ETHEL 0900, 1205, 1220, 1300, 1326  
1497  
DAISY 0935, 0995, 1007, 1038, 1075,  
1097, 1112, 1163, 1165, 1187,  
1188, 1217, 1248, 1249, 1253,  
1273, 1274, 1283, 1347, 1362,  
1466, 1556, 1692  
DEBBIE 0979, 1285, 1288, 1296, 1305,  
1319, 1346, 1466, 1608  
DEBRA 1126, 1188, 1222, 1251, 1258,  
1271, 1300, 1325, 1407, 1414,  
1519  
DIANE 0721, 0740, 0754, 0761, 0870,  
1015, 1047, 1187, 1188, 1248,  
1556  
DOLLY 0671, 0743, 0750, 0947  
DONNA 1147, 1204, 1220, 1236, 1237,  
1251, 1258, 1271, 1284, 1287,  
1317, 1321, 1324, 1325, 1329,  
1344, 1377, 1391, 1436, 1466,  
1494, 1519, 1532, 1558, 1556,  
1651, 1969  
DORA 0900, 1458, 1492, 1497, 1549,  
1559, 1666, 1679, 1709  
DORIA 1852

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

### DIVISION OF HURRICANES BY HURRICANE NAMES-(Cont.)

DOROTHY 1744  
 FAITH 1846  
 FIFI 1007  
 FLORA 0685, 1405, 1407, 1414, 1428,  
 1627, 1651, 1969  
 FLORENCE 0671, 0908, 0947, 1220,  
 1427, 1497  
 FLOSSY 0809, 0836, 0866, 0900, 0947  
 FOX 0947  
 FRANCES 1288  
 FRIEDA 0979, 1309, 1692  
 GALVESTON 0957, 2016  
 GERDA 1288  
 GINNY 1407, 1414, 1515  
 GLADYS 0685, 0786, 0787, 1497, 1666,  
 2036, 2044  
 GRACIE 1274  
 GRETA 0900  
 HATTIE 1288, 1304, 1307, 1333, 1384,  
 1566, 1651  
 HAZEL 0680, 0691, 0714, 0743, 0766,  
 0833, 0938, 1013, 1015, 1021,  
 1248  
 HELEN 1094, 1187, 1188  
 HELENE 1075, 1112, 1217, 1248, 1251,  
 1271, 1273, 1283, 1302, 1325,  
 1347, 1407, 1414, 1556, 1651  
 HILDA 0685, 0786, 0797, 1459, 1489,  
 1492, 1497, 1555, 1666, 1720,  
 1736, 1778, 1860, 1918, 1919,  
 1920, 1941  
 INEZ 1738, 1779, 1780, 1804, 1820,  
 1941  
 INGA 1384  
 IONE 0685, 0747, 0761, 0913, 1015,  
 1047, 1187, 1188, 1248, 1251,  
 1271, 1300, 1556, 1651  
 ISBELL 1460, 1492, 1497, 1565, 1675,  
 1763  
 JANET 0685, 0711, 0760, 0786, 0787,  
 0814, 1015, 1047, 1070, 1248,  
 1651  
 JANICE 1123, 1827  
 JERRY 1288  
 JUDITH 1128, 1300  
 KATHERINE 1414  
 KATIE 0800, 1047  
 MARCE 1825  
 FANCY 1428  
 SIMONE 1384

INTERTROPICAL CONVERGENCE ZONE-Intertropi-  
 cal Convergence Zone:Convec-  
 tion:Forecasting 2011

INTERTROPICAL CONVERGENCE ZONE-Intertropical  
 Convergence Zone:Observations:Satellites  
 1596

INTERTROPICAL CONVERGENCE ZONE-Intertropical  
 Convergence Zone:Synoptic Analysis  
 0471, 2026

JET STREAM-Jet Stream:Easterly:Analysis:  
 0964

JET STREAM-Jet Stream:Easterly:Observations  
 0812

JET STREAM-Stratosphere:Winds:Jet Stream  
 1801

JET STREAM-Troposphere:Jet Stream:Observa-  
 tions 0695

JET STREAM-Upper Air:Jet Stream:Synoptic  
 Analysis 1012

JET STREAM-Upper Air:Winds:Jet Stream  
 0704

JET STREAM-Winds:Jet Stream:Analysis 0964

JET STREAM-Winds:Jet Stream:Summaries  
 0935

NOCTURNAL THUNDERSTORMS-Nocturnal Thunder-  
 storms:Diurnal Variations 0575

NORTHERS-Northers:Analysis 1177

NORTHERS-Northers:Charts 0022

NORTHERS-Northers:Classification 0647

NORTHERS-Northers:Description 1331

NORTHERS-Northers:Forecasting 1024

NORTHERS-Northers:Observations 0338

NORTHERS-Northers:Observations:Ship Reports  
 0745

NORTHERS-Northers:Research Programs 1196

NORTHERS-Northers:Statistical Studies:Fre-  
 quencies 0647, 0716

NORTHERS-Northers:Summaries 0647, 0684

NORTHERS-Northers:Synoptic Analysis 0745

NORTHERS-Northers:Viable Organisms:Trans-  
 port 1332

NORTHERS-Northers:Winds:Analysis 0382

NORTHERS-Northers:Winds:Description 0187



# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

NORTHERS-Northers:Winds:Disasters 0167

NORTHERS-Northers:Winds:Forecasting  
0167

NORTHERS-Northers:Winds:Observations  
1551

NORTHERS-Northers:Winds:Pilot Guides  
0231

NORTHERS-Northers:Winds:Statistical Stud-  
ies 2307

NORTHERS-Northers:Winds:Summaries 0206,  
0391

POLAR FRONTS-Polar Fronts:Description  
0430

POLAR FRONTS-Polar Fronts:Synoptic Analysis  
0395

RAINSTORMS-Easterly Waves:Rainstorms:Anal-  
ysis 1812

RAINSTORMS-Rainstorms:Conferences 1594

RAINSTORMS-Rainstorms:Flooding:Analysis  
1673

RAINSTORMS-Rainstorms:Forecasting 1629

RAINSTORMS-Rainstorms:Observations 1632

RAINSTORMS-Rainstorms:Observations:Radar  
1629

RAINSTORMS-Rainstorms:Precipitation:Meso-  
scale Analysis 1765

SQUALL LINES-Squall Lines:Synoptic Analysis  
0806

SQUALLS-Storms:Squalls:Summaries 0188

STORMS-Storms:Atlases 1715

STORMS-Storms:Circulation 0042

STORMS-Storms:Cyclogenesis:Analysis  
1571

STORMS-Storms:Cyclogenesis:ITCZ 0912

STORMS-Storms:Description 0045, 0047,  
0139, 0258

STORMS-Storms:Equinoctial 0080

STORMS-Storms:Forecasting 1177, 2236

STORMS-Storms:Hail:Damage 0375

STORMS-Storms:Hail:Ship Reports 1171

STORMS-Storms:Lightning:Summaries 0032

STORMS-Storms:Models 1069

STORMS-Storms:Movement:Description 0272

STORMS-Storms:Observations:Description  
0262, 0265, 0270, 0294, 0315,  
0322, 0324, 0365

STORMS-Storms:Observations:Radar 0997

STORMS-Storms:Observations:Satellites  
1231

STORMS-Storms:Precipitation:Analysis  
0507, 1176, 1195

STORMS-Storms:Precipitation:Description  
0082

STORMS-Storms:Precipitation:Observations  
0907, 1156

STORMS-Storms:Precipitation:Patterns  
0649

STORMS-Storms:Precipitation:Short Duration  
0649, 0727

STORMS-Storms:Precipitation:Summaries  
1536

STORMS-Storms:Precipitation:Synoptic  
Analysis 1256

STORMS-Storms:Pressure:Observations  
0272

STORMS-Storms:Squalls:Summaries 0188

STORMS-Storms:Summaries 0058, 0206,  
1442, 2016

STORMS-Storms:Surface Effects 2258

STORMS-Storms:Temperature:Analysis 1176,  
1195

STORMS-Storms:Winds:Analysis 1176, 1195

STORMS-Storms:Winds:Observations 0272

THUNDERSTORMS-Thunderstorms:Analysis  
1177

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

THUNDERSTORMS-Thunderstorms:Circulation:  
Analysis 1245

THUNDERSTORMS-Thunderstorms:Cloud Heights:  
Summaries 1662

THUNDERSTORMS-Thunderstorms:Clouds:Anvils  
1409

THUNDERSTORMS-Thunderstorms:Conditional  
Instability 0980

THUNDERSTORMS-Thunderstorms:Descriptive  
Analysis 0116

THUNDERSTORMS-Thunderstorms:Electricity:  
Observations 1132

THUNDERSTORMS-Thunderstorms:Forecasting  
0928

THUNDERSTORMS-Thunderstorms:Hail:Damage  
0320, 0328

THUNDERSTORMS-Thunderstorms:Observations:  
Radar 1390, 1585

THUNDERSTORMS-Thunderstorms:Observations:  
Satellites 1584

THUNDERSTORMS-Thunderstorms:Research Pro-  
grams 1196

THUNDERSTORMS-Thunderstorms:Statistical  
Studies:Duration 0116

THUNDERSTORMS-Thunderstorms:Statistical  
Studies:Frequencies 0116,  
0162, 0273, 0437, 0557

THUNDERSTORMS-Thunderstorms:Statistical  
Studies:Means 1640

THUNDERSTORMS-Thunderstorms:Statistical  
Studies:Probabilities  
0553

THUNDERSTORMS-Thunderstorms:Storm Tracking:  
Radar 1382

THUNDERSTORMS-Thunderstorms:Summaries  
0129, 0144, 0179, 0386,  
1262

THUNDERSTORMS-Thunderstorms:Synoptic  
Analysis 1884

THUNDERSTORMS-Thunderstorms:Winds:Conver-  
gence 0980

THUNDERSTORMS-Thunderstorms:Winds:Damage  
0320

TORNADOES-Hurricanes:Tornadoes:Analysis  
1811

TORNADOES-Hurricanes:Tornadoes:Forecasting  
1641, 1684

TORNADOES-Hurricanes:Tornadoes:Observations  
0935, 1684, 1808

TORNADOES-Hurricanes:Tornadoes:Summaries  
1641, 1811, 1888

TORNADOES-Tornadoes:Analysis 0028

TORNADOES-Tornadoes:Bibliographies 0048

TORNADOES-Tornadoes:Classification 0676

TORNADOES-Tornadoes:Clouds:Observations  
1422

TORNADOES-Tornadoes:Cyclogenesis:Analysis  
1092

TORNADOES-Tornadoes:Description 0011

TORNADOES-Tornadoes:Observations 1322

TORNADOES-Tornadoes:Observations:Photogra-  
phy 0706, 1422

TORNADOES-Tornadoes:Observations:Radar  
1295

TORNADOES-Tornadoes:Refractive Index:Sum-  
maries 1507

TORNADOES-Tornadoes:Statistical Studies:  
Frequencies 0557

TORNADOES-Tornadoes:Storm Tracking:Radar  
1092, 1446, 1922

TORNADOES-Tornadoes:Summaries 0058  
1505, 2016

TORNADOES-Tornadoes:Synoptic Analysis  
1922

TORNADOES-Tornadoes:Temperature:Summaries  
1507

TORNADOES-Tornadoes:Winds:Summaries  
1908

TRADE WINDS-Trade Winds:Aerosols:African  
Sand 1792

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

TRADE WINDS-Trade Winds:Aerosols:Transport  
0296

TRADE WINDS-Trade Winds:African Dust:Obser-  
vations 1942, 1955, 1962,  
1967, 2019, 2021, 2032

TRADE WINDS-Trade Winds:Air/Sea Interaction  
0454, 0690, 1653

TRADE WINDS-Trade Winds:Air/Sea Interaction:  
Research Programs 1654

TRADE WINDS-Trade Winds:Analysis 0846

TRADE WINDS-Trade Winds:Analysis:Profiles  
0782

TRADE WINDS-Trade Winds:Cells 0538

TRADE WINDS-Trade Winds:Circulation:Angu-  
lar Momentum 1022

TRADE WINDS-Trade Winds:Circulation:Eddies  
1022

TRADE WINDS-Trade Winds:Circulation:Models  
0890

TRADE WINDS-Trade Winds:Circulation:Patterns  
0417

TRADE WINDS-Trade Winds:Circulation:Summar-  
ies 0934, 1189

TRADE WINDS-Trade Winds:Clouds:Forecasting  
0845

TRADE WINDS-Trade Winds:Clouds:Heated  
Islands 0941

TRADE WINDS-Trade Winds:Clouds:Observations  
0694, 0696, 0702

TRADE WINDS-Trade Winds:Clouds:Structure  
0847

TRADE WINDS-Trade Winds:Clouds:Vertical  
Motion 1068

TRADE WINDS-Trade Winds:Condensation:Fresh  
Water Production 1764

TRADE WINDS-Trade Winds:Convection Cells  
0693

TRADE WINDS-Trade Winds:Convection Cells:  
Persistence 0573

TRADE WINDS-Trade Winds:Cumulus:Summaries  
0993

TRADE WINDS-Trade Winds:Cyclogenesis  
0793

TRADE WINDS-Trade Winds:Dew Point:Profiles  
1476

TRADE WINDS-Trade Winds:Dynamic Analysis  
0890

TRADE WINDS-Trade Winds:Easterly Waves:  
Description 056

TRADE WINDS-Trade Winds:EM Propagation:  
Observations 2225

TRADE WINDS-Trade Winds:Energy:Transport  
1298

TRADE WINDS-Trade Winds:Energy Exchange  
0635

TRADE WINDS-Trade Winds:Energy Exchange:  
Evaporation 0658

TRADE WINDS-Trade Winds:Energy Exchange:  
Variations 0690

TRADE WINDS-Trade Winds:Entrainment:Models  
0472

TRADE WINDS-Trade Winds:Evaporation:Obser-  
vations 1098

TRADE WINDS-Trade Winds:Heat Energy:Flow  
1430

TRADE WINDS-Trade Winds:Heat Flow:Obser-  
vations 1653

TRADE WINDS-Trade Winds:Heat Flow:Vari-  
ations 0970

TRADE WINDS-Trade Winds:Heating 0845

TRADE WINDS-Trade Winds:Heating:Budgets  
0934

TRADE WINDS-Trade Winds:Heating:Research  
Programs 1429

TRADE WINDS-Trade Winds:Humidity:Distribu-  
tion 0610

TRADE WINDS-Trade Winds:Humidity:Obser-  
vations 1068

TRADE WINDS-Trade Winds:Humidity:Structure  
0847

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

TRADE WINDS-Trade Winds:Latent Heat:Transport 0610

TRADE WINDS-Trade Winds:Mass Exchange:Turbulence 0610

TRADE WINDS-Trade Winds:Mesoscale Analysis 1660

TRADE WINDS-Trade Winds:Moist Layer:Summaries 1036

TRADE WINDS-Trade Winds:Moisture:Variations 0488

TRADE WINDS-Trade Winds:Momentum:Transport 1298

TRADE WINDS-Trade Winds:Momentum:Vertical Transport 0781

TRADE WINDS-Trade Winds:Observations:Balloons 0699, 0782

TRADE WINDS-Trade Winds:Observations:Description 0133

TRADE WINDS-Trade Winds:Observations:Services 1229

TRADE WINDS-Trade Winds:Precipitation:Analysis 1211

TRADE WINDS-Trade Winds:Precipitation:Observations 1098

TRADE WINDS-Trade Winds:Precipitation:Rain-making 0735

TRADE WINDS-Trade Winds:Precipitation:Summaries 1542, 1776

TRADE WINDS-Trade Winds:Precipitation:Variations 0251

TRADE WINDS-Trade Winds:Refractive Index:Profiles 1476

TRADE WINDS-Trade Winds:Research Programs 1653

TRADE WINDS-Trade Winds:Shear:Observations 1068

TRADE WINDS-Trade Winds:Statistical Studies:Averages 0256

TRADE WINDS-Trade Winds:Statistical Studies:Means 0599

TRADE WINDS-Trade Winds:Structure:Description 0382

TRADE WINDS-Trade Winds:Summaries 0568, 0620, 1029, 1278, 2006

TRADE WINDS-Trade Winds:Surface Effects 2609

TRADE WINDS-Trade Winds:Surface Stress 1525, 1526, 1653, 2547

TRADE WINDS-Trade Winds:Surface Stress:Observations 0619

TRADE WINDS-Trade Winds:Temperature:Distribution 0610

TRADE WINDS-Trade Winds:Temperature:Inversion 1499, 1766, 1821, 1907

TRADE WINDS-Trade Winds:Temperature:Observations 1068

TRADE WINDS-Trade Winds:Temperature:Structure 0847

TRADE WINDS-Trade Winds:Temperature:Variations 0488

TRADE WINDS-Trade Winds:Turbulence:Medium Scale 0722

TRADE WINDS-Trade Winds:Turbulence:Variations 0488

TRADE WINDS-Trade Winds:Variations 0038, 0251

TRADE WINDS-Trade Winds:Variations:Cross-Sections 0256

TRADE WINDS-Trade Winds:Variations:Long Period 0136

TRADE WINDS-Trade Winds:Velocities:Variations 0601

TRADE WINDS-Trade Winds:Waves:Models 1499

TRADE WINDS-Trade Winds:Winds:Damage 1241

TROPICAL CYCLONES-Tropical Cyclones:Air Masses:Summaries 0568

TROPICAL CYCLONES-Tropical Cyclones:Air/Sea Interaction 1377, 1445, 1802

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

TROPICAL CYCLONES-Tropical Cyclones:Analysis 0410, 0411, 0557, 0689

TROPICAL CYCLONES-Tropical Cyclones:Angular Momentum:Budgets 0925

TROPICAL CYCLONES-Tropical Cyclones:Atlases 1708

TROPICAL CYCLONES-Tropical Cyclones:Bibliographies 0048, 0826, 0827, 0857

TROPICAL CYCLONES-Tropical Cyclones:Circulation:Analysis 0021, 1830, 1987

TROPICAL CYCLONES-Tropical Cyclones:Circulation:Forecasting 0966

TROPICAL CYCLONES-Tropical Cyclones:Circulation:Models 1426

TROPICAL CYCLONES-Tropical Cyclones:Circulation:Observations 0414

TROPICAL CYCLONES-Tropical Cyclones:Circulation:Structure 0074

TROPICAL CYCLONES-Tropical Cyclones:Classification 1119, 1537

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Convection 1441, 1889

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Description 0557

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Dissipation 1108

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Observations 1518

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Patterns 0074

TROPICAL CYCLONES-Tropical Cyclones:Clouds:Water Content 1347

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Analysis 0038, 0314, 0577, 0667, 0966,

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Analysis-(Cont.) 1166, 1167, 1252, 1393, 1401, 1466, 1785, 1800, 1819, 1856, 1970

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Forecasting 0382, 0435, 0698, 0847, 1063, 1239, 1299, 1334, 1370, 1447, 1470, 1524

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Models 1441, 1445

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Summaries 1511, 1569

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Synoptic Analysis 1082, 1103

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Theory 0881, 1119

TROPICAL CYCLONES-Tropical Cyclones:Cyclogenesis:Thickness Analysis 1470

TROPICAL CYCLONES-Tropical Cyclones:Damage:Property Loss 1103, 2048, 2171

TROPICAL CYCLONES-Tropical Cyclones:Description 0019, 0051, 0056, 0068, 0098

TROPICAL CYCLONES-Tropical Cyclones:Disasters:Description 0023

TROPICAL CYCLONES-Tropical Cyclones:Disasters:Relief 0207

TROPICAL CYCLONES-Tropical Cyclones:Disasters:Statistical Studies 1180

TROPICAL CYCLONES-Tropical Cyclones:Dissipation 1431

TROPICAL CYCLONES-Tropical Cyclones:Dynamics:Theory 0074

TROPICAL CYCLONES-Tropical Cyclones:Energy:Budgets 0925

TROPICAL CYCLONES-Tropical Cyclones:Energy:Transport 1431

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

TROPICAL CYCLONES-Tropical Cyclones:Eye:  
Description 0557  
TROPICAL CYCLONES-Tropical Cyclones:Fore-  
casting 0040, 0410,  
0411, 0434, 0983  
TROPICAL CYCLONES-Tropical Cyclones:For-  
casting:Evaluation  
1697  
TROPICAL CYCLONES-Tropical Cyclones:Fore-  
casting:Services 1575,  
1702  
TROPICAL CYCLONES-Tropical Cyclones:Inten-  
sity:Analysis 0866  
TROPICAL CYCLONES-Tropical Cyclones:Inten-  
sity:Classification  
0557, 0359  
TROPICAL CYCLONES-Tropical Cyclones:Inten-  
sity:Indexes 0992  
TROPICAL CYCLONES-Tropical Cyclones:Latent  
Heat:Transport 1802  
TROPICAL CYCLONES-Tropical Cyclones:Mois-  
ture:Budgets 1168  
TROPICAL CYCLONES-Tropical Cyclones:Momen-  
tum:Budgets 0925  
TROPICAL CYCLONES-Tropical Cyclones:Momen-  
tum:Transport 1302  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment 0063  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Analysis 1600  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Description 0449  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Forecasting 0199,  
0321, 0329, 0418, 0435,  
0652, 0664, 0758, 0841,  
0861, 1216, 1600, 1785  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Isallobaric Grad-  
ients 0841  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Katallobaric Centers  
0841

TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Sferics 0326  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Ship Reports  
1393  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Summaries 0299,  
1219  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Tracks 0518,  
0644, 0948, 0975, 1020,  
1486, 1537, 1613, 1794,  
2171  
TROPICAL CYCLONES-Tropical Cyclones:Move-  
ment:Variations 1000  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations 0336, 0337  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations:Aircraft 0434,  
1716  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations:Description  
0018, 0063, 0065, 0072,  
0074, 0178, 0181, 0190,  
0200, 0212, 0255, 0261,  
0267, 0268, 0303, 0305,  
0354  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations:Radar 0651,  
0901  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations:Rawin 0434  
TROPICAL CYCLONES-Tropical Cyclones:Obser-  
vations:Satellites  
1296, 1319, 1363, 1984  
TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation 0040  
TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Analysis  
1728  
TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Distribution  
0557  
TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Flooding  
1018

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-(Cont.)

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Observations  
0975, 1156

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Patterns  
0074

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Seiches  
2450

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Snow 1012

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Statistical  
Studies 1524, 1911

TROPICAL CYCLONES-Tropical Cyclones:Pre-  
cipitation:Summaries  
0842

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Distribution  
0074

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Filling 1377

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Gradients 0557

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Observations  
0245

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Oscillations  
0557

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Summaries 0260

TROPICAL CYCLONES-Tropical Cyclones:Pres-  
sure:Variations 1234

TROPICAL CYCLONES-Tropical Cyclones:Refrac-  
tive Index:Summaries  
1161

TROPICAL CYCLONES-Tropical Cyclones:Refrac-  
tivity:Observations  
1228

TROPICAL CYCLONES-Tropical Cyclones:Re-  
search 0630

TROPICAL CYCLONES-(see next column)

TROPICAL CYCLONES-Tropical Cyclones:Re-  
search Programs 1136,  
1137

TROPICAL CYCLONES-Tropical Cyclones:Sen-  
sible Heat:Transport  
1802

TROPICAL CYCLONES-Tropical Cyclones:Ship  
Reports 0030

TROPICAL CYCLONES-Tropical Cyclones:Sta-  
tistical Analysis  
1286

TROPICAL CYCLONES-Tropical Cyclones:Sta-  
tistical Studies:Fre-  
quencies 0040, 0074,  
0230, 0285, 0884, 0939,  
1198, 1235, 1486, 1524,  
1537

TROPICAL CYCLONES-Tropical Cyclones:Sta-  
tistical Studies:Proba-  
bilities 0519, 0534

TROPICAL CYCLONES-Tropical Cyclones:Storm  
Tracking:Radar 0901

TROPICAL CYCLONES-Tropical Cyclones:Storm  
Tracking:Satellites  
1984, 1987

TROPICAL CYCLONES-Tropical Cyclones:Storm  
Tracking:Seismographs  
0457

TROPICAL CYCLONES-Tropical Cyclones:Storm  
Tracking:Sferics 0379

TROPICAL CYCLONES-Tropical Cyclones:Struc-  
ture:Analysis 1561

TROPICAL CYCLONES-Tropical Cyclones:Struc-  
ture:Observations  
0840

TROPICAL CYCLONES-Tropical Cyclones:Summar-  
ies 0028, 0053, 0126,  
0129, 0269, 0314, 0370,  
0426, 0451, 0517, 0627,  
0657, 0762, 0858, 0877,  
0878, 0879, 0886, 0906,  
1033, 1040, 1049, 1124,  
1194, 1199, 1200, 1220,  
1225, 1266, 1286, 1405,  
1486, 1613, 1738, 2042

TROPICAL CYCLONES-Tropical Cyclones:Surface  
Effects:Microseisms  
0457

# METEOROLOGY SUBJECT INDEX

## THING/ACTIVITY-Cont.

TROPICAL CYCLONES-Tropical Cyclones:Temperature 0074

TROPICAL CYCLONES-Tropical Cyclones:Temperature:Description 0557

TROPICAL CYCLONES-Tropical Cyclones:Temperature:Isotherm Analysis 1791

TROPICAL CYCLONES-Tropical Cyclones:Temperature:Soundings 0083

TROPICAL CYCLONES-Tropical Cyclones:Temperature:Structure 0040

TROPICAL CYCLONES-Tropical Cyclones:Theory (Espy) 0040

TROPICAL CYCLONES-Tropical Cyclones:Thermodynamic Analysis 0021

TROPICAL CYCLONES-Tropical Cyclones:Winds:Analysis 1151, 1363

TROPICAL CYCLONES-Tropical Cyclones:Winds:Confluence 1875

TROPICAL CYCLONES-Tropical Cyclones:Winds:Description 0557

TROPICAL CYCLONES-Tropical Cyclones:Winds:Friction 0040

TROPICAL CYCLONES-Tropical Cyclones:Winds:Observations 0630, 1309

TROPICAL CYCLONES-Tropical Cyclones:Winds:Profiles 1006

TROPICAL CYCLONES-Tropical Cyclones:Winds:Shear 1470

TROPICAL CYCLONES-Tropical Cyclones:Winds:Streamline Analysis 1796

TROPICAL CYCLONES-Tropical Cyclones:Winds:Structure 0840

TROPICAL CYCLONES-Tropical Cyclones:Winds:Subsidence 1363

TROPICAL CYCLONES-Tropical Cyclones:Winds:Surface 0030

TROPICAL CYCLONES-(see next column)

TROPICAL CYCLONES-Tropical Cyclones:Winds:Surface Effects 221

TROPICAL FRONTS-Tropical Fronts:Cyclogenesis:Forecasting 0335

WATERSPOUTS-Waterspouts:Analysis 0028

WATERSPOUTS-Waterspouts:Description 0011, 0522

WATERSPOUTS-Waterspouts:Forecasting 1067

WATERSPOUTS-Waterspouts:Movement:Observations 1410

WATERSPOUTS-Waterspouts:Movement:Tracks 1854

WATERSPOUTS-Waterspouts:Observations:Aircraft 1854, 1910

WATERSPOUTS-Waterspouts:Observations:Description 0185, 0225

WATERSPOUTS-Waterspouts:Observations:Photography 1067, 1854, 1910

WATERSPOUTS-Waterspouts:Observations:Ship Reports 1923

WATERSPOUTS-Waterspouts:Observations:Ships 0281

WATERSPOUTS-Waterspouts:Refractive Index:Summaries 1507

WATERSPOUTS-Waterspouts:Summaries 1505

WATERSPOUTS-Waterspouts:Temperature:Summaries 1507

WATERSPOUTS-Waterspouts:Winds:Summaries 1908

WATERSPOUTS-Waterspouts:Winds:Vertical Motion 1067

WEATHER PHENOMENA-Weather Phenomena:Charts 0344

WESTERLIES-Upper Air:Winds:Westerlies 1358



METEOROLOGY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vii

METEOROLOGICAL GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

Place	See	Place	See
ALABAMA-----	NORTH AMERICAN COAST	Chetumal-----	MEXICO
Albrook-----	PANAMA	Chikito-----	NETHERLANDS ANTILLES REGION
	Canal Zone		Curacao
Alexandria-----	LOUISIANA	Cibao-----	HISPANIOLA REGION
Alligator Harbor-----	GULF OF MEXICO	Ciudad Bolívar-----	VENEZUELA
Anegada-----	LEEWARD ISLANDS REGION	Ciudad Trujillo-----	HISPANIOLA REGION
	Virgin Islands	Coco Solo-----	PANAMA
Anguilla-----	LEEWARD ISLANDS REGION		Canal Zone
Antigua-----	LEEWARD ISLANDS REGION	COLOMBIA-----	SOUTH AMERICAN COAST
Antilles-----	GREATER ANTILLES and LESSER ANTILLES	Colón-----	PANAMA
Apalachicola-----	FLORIDA	Concordia-----	LEEWARD ISLANDS REGION
Arecibo-----	PUERTO RICO REGION		St. Eustatius
Aruba-----	NETHERLANDS ANTILLES REGION	Corozal-----	BRITISH HONDURAS
Bartados-----	LESSER ANTILLES	Corpus Christi-----	TEXAS
Batán-----	COSTA RICA	COSTA RICA-----	CENTRAL AMERICAN COAST
Bay of Honduras		Cristobal-----	PANAMA
[variant]-----	CARIBBEAN SEA		Canal Zone
	Gulf of Honduras	CUBA REGION-----	GREATER ANTILLES
Belén-----	CUBA REGION	Curacao-----	NETHERLANDS ANTILLES REGION
Belize-----	BRITISH HONDURAS		HISPANIOLA REGION
Belize River-----	BRITISH HONDURAS	Damien-----	PANAMA
Biloxi-----	MISSISSIPPI	Darien-----	TEXAS
Blanchet Morne-à-l'Eau-----	LEEWARD ISLANDS REGION	Del Rio-----	TEXAS
	Guadeloupe [and dependencies]	Dernjère Islands-----	LOUISIANA
Blue Mts.-----	JAMAICA REGION	Désirade-----	LEEWARD ISLANDS REGION
Boconó Basin-----	VENEZUELA		Guadeloupe [and dependencies]
Bogotá-----	COLOMBIA	Dr. Flesman Airport-----	NETHERLANDS ANTILLES REGION
Bonaire-----	NETHERLANDS ANTILLES REGION		Curacao
BRITISH HONDURAS-----	CENTRAL AMERICAN COAST	Dominica-----	WINDWARD ISLANDS REGION
Brownsville-----	TEXAS	Dominican Republic-----	HISPANIOLA REGION
Calabozo Bay-----	CARIBBEAN SEA	Dry Tortugas-----	FLORIDA
Camagüey-----	CUBA REGION	Eastern Caribbean Sea-----	CARIBBEAN SEA
Camp Jacob-----	LEEWARD ISLANDS REGION	Eastern Florida-----	FLORIDA
	Guadeloupe [and dependencies]	Eastern Gulf of Mexico-----	GULF OF MEXICO
Canal Zone-----	PANAMA	Eastern Mexico-----	MEXICO
Caplen Pier-----	TEXAS	Eastern Panama-----	PANAMA
Caracas-----	VENEZUELA	Eastern Puerto Rico	
Caracas Valley-----	VENEZUELA	Region-----	PUERTO RICO REGION
CARIBBEAN SEA-----	TROPICS	Eastern Venezuela-----	VENEZUELA
Cayenne-----	HISPANIOLA REGION	El Guapo River-----	VENEZUELA
Cayman Islands-----	CARIBBEAN SEA	El Perú-----	VENEZUELA
Cayo-----	BRITISH HONDURAS	El Real-----	PANAMA
Cedar Keys-----	FLORIDA	Fenholloway Estuary-----	FLORIDA
CENTRAL AMERICAN COAST-----	TROPICS	FLORIDA-----	NORTH AMERICAN COAST
Central Ermita-----	CUBA REGION	Florida Bay-----	GULF OF MEXICO
Central Mississippi		Florida Keys-----	FLORIDA
Basin-----	LOUISIANA	Port-de-France-----	WINDWARD ISLANDS REGION
Central Najasa-----	CUBA REGION		Martinique [and dependencies]
		Port Desaix-----	WINDWARD ISLANDS REGION

METEOROLOGY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

<u>Place</u>	<u>See</u>	<u>Place</u>	<u>See</u>
Fort Desaix (cont.)---	Martinique [and dependencies]	Kralendyk (cont.)----	REGION
Fort Gulick-----	PANAMA		Bonaire
	Canal Zone	Lajas-----	PUERTO RICO REGION
Fort Sherman-----	PANAMA	Lake Charles-----	GULF OF MEXICO
	Canal Zone	Lake Maracaibo Basin---	VENEZUELA
Freeport-----	TEXAS	Lake Okeechobee-----	FLORIDA
French Antilles-----	LEEWARD ISLANDS	Lake Ponchartrain-----	GULF OF MEXICO
	REGION	Las Villas-----	CUBA REGION
	Guadeloupe [and dependencies]	Le Raizet Airport-----	LEEWARD ISLANDS
	St. Martin (French)		REGION
	WINDWARD ISLANDS		Guadeloupe [and dependencies]
	REGION	LEEWARD ISLANDS REGION-LESSER ANTILLES	
	Martinique [and dependencies]	Lerma Basin-----	MEXICO
Galeta Island-----	PANAMA	LESSER ANTILLES-----	CARIBBEAN SEA
	Canal Zone	Long Key-----	FLORIDA
Galveston-----	TEXAS	LOUISIANA-----	NORTH AMERICAN COAST
Galveston Bay-----	GULF OF MEXICO	Lower Matecumbe Key---	FLORIDA
Gatun Lake-----	PANAMA	Mandeville-----	JAMAICA REGION
	Canal Zone	Maracay-----	VENEZUELA
GREATER ANTILLES-----	CARIBBEAN SEA	Margarita Island-----	VENEZUELA
Grenada-----	WINDWARD ISLANDS	Marie Galante-----	LEEWARD ISLANDS
	REGION		REGION
Guadeloupe [and dependencies]-----	LEEWARD ISLANDS		Guadeloupe [and dependencies]
	REGION	Martinique [and dependencies]-----	WINDWARD ISLANDS
Guaire River-----	VENEZUELA		REGION
Guantanamo-----	CUBA REGION	Maxwell Air Force Base-	ALABAMA
Guantanamo Bay-----	CUBA REGION	Mayagüez-----	PUERTO RICO REGION
Guapo River [variant]--	VENEZUELA	MEXICO-----	CENTRAL AMERICAN
	El Guapo River		COAST
GUATEMALA-----	CENTRAL AMERICAN	Miami-----	FLORIDA
	COAST	MISSISSIPPI-----	NORTH AMERICAN COAST
Gulf of Honduras-----	CARIBBEAN SEA	Mississippi Delta-----	LOUISIANA
Gulf of Maracaibo		Mississippi River-----	LOUISIANA
[variant]-----	CARIBBEAN SEA	Mississippi Valley-----	LOUISIANA
	Gulf of Venezuela	Mobile-----	ALABAMA
GULF OF MEXICO-----	TROPICS	Mobile Bay-----	GULF OF MEXICO
Gulf of Venezuela-----	CARIBBEAN SEA	Mont Pelée-----	WINDWARD ISLANDS
Gulfport-----	MISSISSIPPI		REGION
Haiti-----	HISPANIOLA REGION		Martinique [and dependencies]
Havana-----	CUBA REGION	Monte Cristi-----	HISPANIOLA REGION
HISPANIOLA REGION-----	GREATER ANTILLES	Necaxa Basin-----	MEXICO
HONDURAS-----	CENTRAL AMERICAN	NETHERLANDS ANTILLES	
	COAST		REGION-LESSER ANTILLES
Hope Estate-----	WINDWARD ISLANDS	New Orleans-----	LOUISIANA
	REGION	NICARAGUA-----	CENTRAL AMERICAN
	St. Lucia		COAST
Houston-----	TEXAS	NORTH AMERICAN COAST---	TROPICS
Irazú-----	COSTA RICA	Northeastern Gulf of	
Jacksonville-----	FLORIDA	Mexico-----	GULF OF MEXICO
JAMAICA REGION-----	GREATER ANTILLES	Northern Gulf of	
Key West-----	FLORIDA	Mexico-----	GULF OF MEXICO
Kingston-----	JAMAICA REGION	Northern Jamaica-----	JAMAICA
Kingsville-----	TEXAS	Northern Leeward	
Kralendyk-----	NETHERLANDS ANTILLES	Islands Region-----	LEEWARD ISLANDS
			REGION

METEOROLOGY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

<u>Place</u>	<u>See</u>	<u>Place</u>	<u>See</u>
Northern Puerto Rico		Rivera Bois Chêne-----	HISPANIOLA REGION
Region-----	PUERTO RICO REGION	Roosevelt Roads-----	PUERTO RICO REGION
Northwestern Caribbean		Saba-----	LEEWARD ISLANDS
Sea-----	CARIBBEAN SEA		REGION
Northwestern Gulf of		Sabana de la Mar-----	HISPANIOLA REGION
Mexico-----	GULF OF MEXICO	St. Andrews Island-----	CARIBBEAN SEA
Nueva Esparta-----	VENEZUELA	St. Barthelémy-----	LEEWARD ISLANDS
	Margarita Island		REGION
Old Providence Island--	CARIBBEAN SEA		Guadeloupe [and
Orange Walk-----	BRITISH HONDURAS		dependencies]
Oranjestad-----	LEEWARD ISLANDS	St. Christopher	
	REGION	[variant]-----	LEEWARD ISLANDS
	St. Eustatius		REGION
Oranjestad-----	NETHERLANDS ANTILLES		St. Kitts
	REGION	St. Croix Island-----	LEEWARD ISLANDS
	Aruba		REGION
Oyster Bay-----	JAMAICA		Virgin Islands
PANAMA-----	CENTRAL AMERICAN	St. Eustatius-----	LEEWARD ISLANDS
	COAST		REGION
Pensacola-----	FLORIDA	St. John's-----	LEEWARD ISLANDS
Pensacola Harbor-----	GULF OF MEXICO		REGION
Perry-----	FLORIDA		Antigua
Philipsburg-----	LEEWARD ISLANDS	St. Kitts-----	LEEWARD ISLANDS
	REGION		REGION
	St. Martin	St. Lucia-----	WINDWARD ISLANDS
	(Netherlands)		REGION
Piarco-----	LESSER ANTILLES	St. Martin (French)----	LEEWARD ISLANDS
	Trinidad		REGION
Pico del Oeste-----	PUERTO RICO REGION	St. Martin	
Point-à-Pitre-----	LEEWARD ISLANDS	(Netherlands)-----	LEEWARD ISLANDS
	REGION		REGION
	Guadeloupe [and	St. Thomas Island-----	LEEWARD ISLANDS
	dependencies]		REGION
Ponce-----	PUERTO RICO REGION		Virgin Islands
Port Arthur-----	TEXAS	St. Vincent-----	WINDWARD ISLANDS
Port-au-Prince-----	HISPANIOLA REGION		REGION
Port of Spain-----	LESSER ANTILLES	Saintes, Les-----	LEEWARD ISLANDS
	Trinidad		REGION
Prêcheur-----	WINDWARD ISLANDS		Guadeloupe [and
	REGION		dependencies]
	Martinique [and	Samaná Bay-----	HISPANIOLA REGION
	dependencies]	San Andrés Island	
Providencia [former]---	CARIBBEAN SEA	[former]-----	CARIBBEAN SEA
	Old Providence		St. Andrews
	Island		Island
Puerto Plata-----	HISPANIOLA REGION	San Juan-----	PUERTO RICO REGION
PUERTO RICO REGION----	GREATER ANTILLES	San Pedro Bay [swamp]--	FLORIDA
Punta Gorda-----	BRITISH HONDURAS		Perry
Ramey Air Force Base---	PUERTO RICO REGION	Sanibel Island-----	FLORIDA
Rincon-----	NETHERLANDS ANTILLES	Santa Marta-----	COLOMBIA
	REGION	Santa Rita-----	BRITISH HONDURAS
	Bonaire	Santo Domingo-----	HISPANIOLA REGION
Rio Grande Basin-----	MEXICO	Sierra de Luquillo-----	PUERTO RICO REGION
Rio Grande Plain-----	TEXAS	Sierra Madre Oriental--	MEXICO
Rio Grande Valley-----	MEXICO	SOUTH AMERICAN COAST---	TROPICS
Rio Grande Valley-----	TEXAS	Southeastern Florida---	FLORIDA
Rio Hucano-----	PUERTO RICO REGION	Southeastern Hispaniola	
Rio Turabo-----	PUERTO RICO REGION	Region-----	HISPANIOLA REGION
Rio Valenciano-----	PUERTO RICO REGION	Southern Caribbean Sea--	CARIBBEAN SEA

METEOROLOGY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

<u>Place</u>	<u>See</u>
Southern Florida-----	FLORIDA
Southern Gulf of	
Mexico-----	GULF OF MEXICO
Southern Louisiana-----	LOUISIANA
Southern Puerto Rico	
Region-----	PUERTO RICO REGION
Southern Texas-----	TEXAS
Southwest Pass-----	LOUISIANA
Southwestern Florida--	FLORIDA
Southwestern	
Louisiana-----	LOUISIANA
Stann Creek-----	BRITISH HONDURAS
STRAITS OF FLORIDA----	TROPICS
Sula Valley-----	HONDURAS
Sulphur-----	LOUISIANA
Swan Islands-----	CARIBBEAN SEA
Tallahassee-----	FLORIDA
Tampa-----	FLORIDA
Tampa Bay-----	GULF OF MEXICO
Tampico-----	MEXICO
TEXAS-----	NORTH AMERICAN COAST
The Bottom-----	LEEWARD ISLANDS
	REGION
	Saba
Tobago-----	LESSER ANTILLES
Toro Negro Dam-----	PUERTO RICO REGION
Trinidad-----	LESSER ANTILLES
Turrialba-----	COSTA RICA
Tuy River-----	VENEZUELA
VENEZUELA-----	SOUTH AMERICAN COAST
Veracruz-----	MEXICO
Virgin Islands-----	LEEWARD ISLANDS
	REGION
Waccasassa Estuary----	FLORIDA
Waterford-----	LESSER ANTILLES
	Barbados
Webb Air Force Base---	TEXAS
West Indies-----	CARIBBEAN SEA
Western Caribbean Sea--	CARIBBEAN SEA
Western Cuba Region---	CUBA REGION
Western Gulf of	
Mexico-----	GULF OF MEXICO
WINDWARD ISLANDS	
REGION-----	LESSER ANTILLES
Windward Passage-----	CARIBBEAN SEA
Willemstad-----	NETHERLANDS ANTILLES
	REGION
	Curacao
Yabucoa-----	PUERTO RICO REGION
Yucatan-----	MEXICO
YUCATAN CHANNEL-----	TROPICS

METEOROLOGY GEOGRAPHICAL INDEX

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vii

## METEOROLOGY GEOGRAPHICAL INDEX

TROPICS	0004,	0011,	0018,	0019,	0021,
0024,	0027,	0028,	0030,	0038,	0040,
0042,	0043,	0045,	0046,	0047,	0048,
0051,	0059,	0062,	0067,	0074,	0077,
0113,	0134,	0136,	0143,	0150,	0172,
0177,	0178,	0181,	0199,	0205,	0216,
0224,	0230,	0280,	0282,	0296,	0312,
0317,	0326,	0333,	0335,	0348,	0356,
0357,	0363,	0369,	0372,	0376,	0379,
0404,	0410,	0411,	0414,	0425,	0427,
0430,	0433,	0435,	0436,	0449,	0450,
0451,	0456,	0458,	0466,	0479,	0483,
0484,	0497,	0503,	0508,	0514,	0517,
0523,	0525,	0529,	0536,	0537,	0538,
0543,	0557,	0566,	0577,	0582,	0583,
0601,	0612,	0617,	0619,	0622,	0627,
0630,	0643,	0652,	0654,	0656,	0657,
0659,	0664,	0666,	0671,	0689,	0690,
0691,	0692,	0694,	0696,	0704,	0710,
0721,	0723,	0725,	0729,	0738,	0740,
0741,	0742,	0743,	0747,	0748,	0750,
0751,	0752,	0753,	0754,	0755,	0757,
0758,	0759,	0762,	0766,	0768,	0773,
0776,	0780,	0788,	0789,	0790,	0795,
0796,	0798,	0800,	0801,	0802,	0804,
0806,	0809,	0812,	0813,	0816,	0822,
0823,	0824,	0828,	0835,	0836,	0837,
0838,	0839,	0840,	0841,	0843,	0845,
0846,	0848,	0854,	0855,	0860,	0861,
0868,	0870,	0871,	0876,	0877,	0881,
0884,	0886,	0887,	0889,	0890,	0891,
0895,	0896,	0900,	0901,	0902,	0904,
0907,	0910,	0914,	0916,	0918,	0919,
0920,	0924,	0925,	0926,	0927,	0929,
0930,	0932,	0933,	0934,	0938,	0939,
0942,	0945,	0951,	0960,	0961,	0964,
0966,	0969,	0970,	0978,	0979,	0982,
0983,	0984,	0985,	0986,	0987,	0992,
0995,	0996,	1000,	1002,	1004,	1006,
1007,	1008,	1010,	1015,	1019,	1022,
1024,	1025,	1027,	1028,	1032,	1033,
1036,	1037,	1038,	1040,	1041,	1045,
1048,	1049,	1051,	1053,	1054,	1056,
1060,	1061,	1062,	1068,	1071,	1073,
1074,	1076,	1079,	1084,	1088,	1093,
1097,	1098,	1100,	1104,	1110,	1112,
1114,	1115,	1118,	1119,	1123,	1124,
1127,	1129,	1132,	1136,	1137,	1139,
1144,	1151,	1155,	1156,	1162,	1163,
1164,	1165,	1166,	1167,	1168,	1172,
1177,	1182,	1184,	1184,	1188,	1188,
1187,	1188,	1189,	1190,	1191,	1193,
1194,	1195,	1196,	1198,	1199,	1200,
1201,	1202,	1203,	1204,	1205,	1206,
1207,	1208,	1209,	1210,	1211,	1212,
1213,	1214,	1215,	1216,	1217,	1218,
1219,	1220,	1221,	1222,	1223,	1224,
1225,	1226,	1227,	1228,	1229,	1230,
1231,	1232,	1233,	1234,	1235,	1236,
1237,	1238,	1239,	1240,	1241,	1242,
1243,	1244,	1245,	1246,	1247,	1248,
1249,	1250,	1251,	1252,	1253,	1254,
1255,	1256,	1257,	1258,	1259,	1260,
1261,	1262,	1263,	1264,	1265,	1266,
1267,	1268,	1269,	1270,	1271,	1272,
1273,	1274,	1275,	1276,	1277,	1278,
1279,	1280,	1281,	1282,	1283,	1284,
1285,	1286,	1287,	1288,	1289,	1290,
1291,	1292,	1293,	1294,	1295,	1296,

TROPICS (cont.) 1322, 1323, 1325, 1329,  
1334, 1335, 1337, 1338, 1346, 1347,  
1348, 1352, 1362, 1363, 1365, 1367,  
1371, 1372, 1373, 1377, 1380, 1385,  
1386, 1389, 1391, 1397, 1398, 1401,  
1403, 1404, 1405, 1407, 1408, 1411,  
1412, 1414, 1418, 1424, 1425, 1426,  
1430, 1434, 1436, 1441, 1445, 1449,  
1450, 1451, 1453, 1455, 1462, 1470,  
1471, 1474, 1479, 1484, 1486, 1488,  
1491, 1492, 1494, 1495, 1497, 1498,  
1499, 1501, 1502, 1511, 1514, 1516,  
1519, 1521, 1526, 1529, 1532, 1543,  
1546, 1549, 1552, 1555, 1556, 1558,  
1559, 1562, 1565, 1568, 1573, 1574,  
1577, 1586, 1588, 1592, 1593, 1595,  
1597, 1608, 1613, 1621, 1625, 1626,  
1627, 1632, 1644, 1646, 1651, 1659,  
1660, 1667, 1675, 1677, 1679, 1684,  
1686, 1688, 1690, 1691, 1692, 1702,  
1703, 1706, 1708, 1709, 1713, 1717,  
1720, 1721, 1729, 1732, 1738, 1743,  
1744, 1747, 1761, 1763, 1767, 1771,  
1778, 1779, 1784, 1787, 1791, 1793,  
1794, 1800, 1802, 1803, 1804, 1805,  
1808, 1811, 1813, 1816, 1819, 1825,  
1826, 1827, 1828, 1829, 1831, 1835,  
1836, 1838, 1843, 1845, 1849, 1852,  
1853, 1857, 1860, 1861, 1867, 1868,  
1869, 1873, 1875, 1876, 1881, 1889,  
1903, 1905, 1906, 1907, 1909, 1918,  
1919, 1925, 1931, 1932, 1933, 1934,  
1939, 1941, 1943, 1945, 1946, 1947,  
1951, 1957, 1959, 1960, 1961, 1966,  
1969, 1980, 1981, 1923, 1984, 1986,  
1987, 1990, 1995, 1999, 2001, 2002,  
2004, 2006, 2008, 2013, 2014, 2015,  
2016, 2022, 2024, 2031, 2037, 2038,  
2040, 2046, 2049, 2054, 2062, 2174,  
2178, 2487, 2506, 2593, 2712, 2714,  
2715, 2763, 2773, 2878

CARIBBEAN SEA	0000	0013	0017	0020
0022	0025	0031	0040	0050
0055	0069	0060	0075	0087
0088	0090	0096	0101	0114
0126	0130	0138	0139	0145
0156	0164	0171	0179	100
0197	0201	0208	0213	0215
0242	0245	0247	0249	0253
0258	0259	0264	0269	0273
0274	0276	0288	0287	0290
0295	0296	0299	0314	0331
0343	0345	0347	0350	0361
0367	0371	0375	0383	0387
0391	0397	0399	0400	0402
0407	0413	0419	0426	0437
0445	0446	0447	0450	0457
0461	0465	0471	0487	0488
0491	0495	0499	0500	0502
0505	0509	0510	0513	0517
0521	0525	0530	0533	0537

# METEOROLOGY GEOGRAPHICAL INDEX

TROPICS 0004, 0011, 0018, 0019, 0021,  
0024, 0027, 0028, 0030, 0038, 0040,  
0042, 0043, 0045, 0046, 0047, 0048,  
0051, 0059, 0062, 0067, 0074, 0077,  
0113, 0134, 0136, 0143, 0150, 0172,  
0177, 0178, 0181, 0199, 0205, 0216,  
0224, 0230, 0280, 0262, 0296, 0312,  
0317, 0326, 0333, 0335, 0348, 0356,  
0357, 0363, 0369, 0372, 0376, 0379,  
0404, 0410, 0411, 0414, 0425, 0427,  
0430, 0433, 0435, 0436, 0449, 0450,  
0451, 0456, 0458, 0466, 0479, 0483,  
0484, 0497, 0503, 0508, 0514, 0517,  
0523, 0525, 0529, 0536, 0537, 0538,  
0543, 0557, 0566, 0577, 0582, 0583,  
0601, 0612, 0617, 0619, 0622, 0627,  
0630, 0643, 0652, 0654, 0656, 0657,  
0659, 0664, 0666, 0671, 0689, 0690,  
0691, 0692, 0694, 0696, 0704, 0710,  
0721, 0723, 0725, 0729, 0738, 0740,  
0741, 0742, 0743, 0747, 0748, 0750,  
0751, 0752, 0753, 0754, 0755, 0757,  
0758, 0759, 0762, 0766, 0768, 0773,  
0776, 0780, 0788, 0789, 0790, 0795,  
0796, 0798, 0800, 0801, 0802, 0804,  
0806, 0809, 0812, 0813, 0816, 0822,  
0823, 0824, 0828, 0835, 0836, 0837,  
0838, 0839, 0840, 0841, 0843, 0845,  
0846, 0848, 0854, 0855, 0860, 0861,  
0868, 0870, 0871, 0876, 0877, 0881,  
0884, 0886, 0887, 0889, 0890, 0891,  
0895, 0896, 0900, 0901, 0902, 0904,  
0907, 0910, 0914, 0916, 0918, 0919,  
0920, 0924, 0925, 0926, 0927, 0929,  
0930, 0932, 0933, 0934, 0938, 0939,  
0942, 0945, 0951, 0960, 0961, 0964,  
0966, 0969, 0970, 0978, 0979, 0982,  
0983, 0984, 0985, 0986, 0987, 0992,  
0995, 0996, 1000, 1002, 1004, 1006,  
1007, 1008, 1010, 1015, 1019, 1022,  
1024, 1025, 1027, 1028, 1032, 1033,  
1036, 1037, 1038, 1040, 1041, 1045,  
1048, 1049, 1051, 1053, 1054, 1056,  
1060, 1061, 1062, 1068, 1071, 1073,  
1074, 1076, 1079, 1084, 1088, 1093,  
1097, 1098, 1100, 1104, 1110, 1112,  
1114, 1115, 1118, 1119, 1123, 1124,  
1127, 1129, 1130, 1136, 1137, 1139,  
1144, 1144, 1155, 1156, 1162, 1163,  
1164, 1165, 1166, 1167, 1168, 1173,  
1177, 1180, 1183, 1184, 1185, 1186,  
1187, 1188, 1189, 1196, 1191, 1193,  
1194, 1197, 1196, 1198, 1199, 1200,  
1211, 1211, 1217, 1219, 1222, 1224,  
1231, 1232, 1234, 1235, 1236, 1237,  
1242, 1243, 1240, 1243, 1247, 1248,  
1249, 1251, 1252, 1253, 1258, 1259,  
1260, 1263, 1267, 1269, 1271, 1273,  
1274, 1275, 1277, 1283, 1288, 1291,  
1292, 1293, 1296, 1299, 1302, 1303,  
1309, 1311, 1313, 1315, 1317, 1319,

TROPICS (cont.) 1322, 1323, 1325, 1329,  
1334, 1335, 1337, 1338, 1346, 1347,  
1348, 1352, 1362, 1363, 1365, 1367,  
1371, 1372, 1373, 1377, 1380, 1385,  
1386, 1389, 1391, 1397, 1398, 1401,  
1403, 1404, 1405, 1407, 1408, 1411,  
1412, 1414, 1418, 1424, 1425, 1426,  
1430, 1434, 1436, 1441, 1445, 1449,  
1450, 1451, 1453, 1455, 1462, 1470,  
1471, 1474, 1479, 1484, 1486, 1488,  
1491, 1492, 1494, 1495, 1497, 1498,  
1499, 1501, 1502, 1511, 1514, 1516,  
1519, 1521, 1526, 1529, 1532, 1543,  
1546, 1549, 1552, 1555, 1556, 1558,  
1559, 1562, 1565, 1568, 1573, 1574,  
1577, 1586, 1588, 1592, 1593, 1595,  
1597, 1608, 1613, 1621, 1625, 1626,  
1627, 1632, 1644, 1646, 1651, 1659,  
1660, 1667, 1675, 1677, 1679, 1684,  
1686, 1688, 1690, 1691, 1692, 1702,  
1703, 1706, 1708, 1709, 1713, 1717,  
1720, 1721, 1729, 1732, 1738, 1743,  
1744, 1747, 1761, 1763, 1767, 1771,  
1778, 1779, 1784, 1787, 1791, 1793,  
1794, 1800, 1802, 1803, 1804, 1805,  
1808, 1811, 1813, 1816, 1819, 1825,  
1826, 1827, 1828, 1829, 1831, 1835,  
1836, 1838, 1843, 1845, 1849, 1852,  
1853, 1857, 1860, 1861, 1867, 1868,  
1869, 1873, 1875, 1876, 1881, 1889,  
1903, 1905, 1906, 1907, 1909, 1918,  
1919, 1925, 1931, 1932, 1933, 1934,  
1939, 1941, 1943, 1945, 1946, 1947,  
1951, 1957, 1959, 1960, 1961, 1966,  
1969, 1980, 1981, 1983, 1984, 1986,  
1987, 1990, 1995, 1999, 2001, 2002,  
2004, 2006, 2008, 2013, 2014, 2015,  
2016, 2022, 2024, 2031, 2037, 2038,  
2040, 2046, 2049, 2054, 2062, 2174,  
2178, 2487, 2506, 2593, 2712, 2714,  
2715, 2763, 2773, 2878

CARIBBEAN SEA 0009, 0013, 0017, 0020,  
0022, 0025, 0031, 0040, 0056, 0063,  
0065, 0068, 0069, 0075, 0083, 0087,  
0088, 0089, 0096, 0101, 0114, 0115,  
0126, 0130, 0138, 0139, 0145, 0148,  
0156, 0164, 0175, 0179, 0190, 0193,  
0197, 0201, 0203, 0212, 0215, 0217,  
0242, 0245, 0247, 0249, 0250, 0253,  
0258, 0260, 0264, 0266, 0269, 0273,  
0274, 0276, 0285, 0287, 028, 0292,  
0295, 0296, 0299, 0314, 0331, 0332,  
0344, 0350, 0351, 0359, 0361, 0366,  
0367, 0374, 0375, 0380, 0382, 0385,  
0386, 0387, 0389, 0390, 0394, 0395,  
0397, 0398, 0399, 0406, 0417, 0434,  
0435, 0442, 0445, 0454, 0455, 0457,  
0460, 0469, 0473, 0487, 0489, 0490,  
0491, 0492, 0495, 0499, 0504, 0513,  
0522, 0533, 0539, 0541, 0544, 0546,



# METEOROLOGY GEOGRAPHICAL INDEX

CARIBBEAN SEA (cont.) 0549, 0559,  
 0567, 0568, 0571, 0573, 0574, 0576,  
 0478, 0584, 0588, 0589, 0594, 0595,  
 0596, 0597, 0610, 0618, 0620, 0623,  
 0624, 0626, 0629, 0631, 0636, 0644,  
 0655, 0657, 0665, 0668, 0672, 0673,  
 0683, 0686, 0695, 0701, 0703, 0746,  
 0768, 0772, 0775, 0779, 0785, 0792,  
 0793, 0805, 0807, 0811, 0817, 0821,  
 0826, 0827, 0856, 0857, 0859, 0869,  
 0892, 0898, 0903, 0909, 0912, 0917,  
 0942, 0944, 0947, 0962, 0969, 0972,  
 0973, 0974, 0975, 0981, 0990, 1005,  
 1029, 1031, 1046, 1047, 1063, 1070,  
 1075, 1085, 1086, 1087, 1099, 1106,  
 1136, 1142, 1146, 1152, 1154, 1157,  
 1169, 1176, 1179, 1197, 1200, 1209,  
 1216, 1218, 1220, 1243, 1244, 1245,  
 1250, 1254, 1264, 1265, 1268, 1272,  
 1280, 1290, 1299, 1301, 1307, 1308,  
 1311, 1316, 1320, 1327, 1328, 1353,  
 1354, 1357, 1366, 1370, 1375, 1376,  
 1383, 1384, 1387, 1393, 1394, 1406,  
 1413, 1415, 1416, 1435, 1443, 1444,  
 1448, 1456, 1461, 1466, 1469, 1470,  
 1476, 1482, 1493, 1495, 1500, 1512,  
 1524, 1531, 1533, 1551, 1554, 1570,  
 1576, 1578, 1596, 1622, 1634, 1635,  
 1636, 1637, 1639, 1649, 1650, 1668,  
 1676, 1677, 1678, 1680, 1694, 1697,  
 1700, 1734, 1746, 1764, 1773, 1774,  
 1775, 1776, 1777, 1780, 1783, 1786,  
 1790, 1795, 1796, 1798, 1799, 1808,  
 1817, 1818, 1824, 1832, 1837, 1851,  
 1856, 1901, 1904, 1912, 1915, 1917,  
 1924, 1938, 1946, 1955, 1958, 1966,  
 1970, 1979, 1985, 1988, 1992, 1993,  
 2003, 2011, 2013, 2017, 2020, 2021,  
 2025, 2033, 2042, 2044, 2047, 2053,  
 2055, 2063, 2066, 2094, 2226, 2353,  
 2520, 2528, 2541, 2547, 2613, 2887,  
 2905

Bay of Honduras [variant], see Gulf of Honduras

Calabozo Bay 2609

Cayman Islands 1617

Coastal waters, see CENTRAL AMERICAN COAST - Off coast and SOUTH AMERICAN COAST - Off coast

Eastern Caribbean Sea 0236, 0256,  
 0462, 0468, 0488, 0663, 0714,  
 0991, 1072, 1681, 1730

Gulf of Honduras 0022

Gulf of Maracaibo [variant], see Gulf of Venezuela

Gulf of Venezuela 2609

Northwestern Caribbean Sea 1246

Old Providence Island 0829

Providencia [former], see Old Providence Island

CARIBBEAN SEA (cont.)

St. Andrews Island 0829, 1307,  
 2520

San Andrés Island [former], see St. Andrews Island

Southern Caribbean Sea 0070, 1009

Swan Islands 0339, 0475, 0684,  
 0814, 0829, 0915, 1020, 1153,  
 1339

Western Caribbean Sea 0358, 0378,  
 0542, 0633, 0829, 0941, 0951,  
 1483, 1548, 2532

Windward Passage 0281, 2066

GREATER ANTILLES 0010, 0035, 0041,  
 0085, 0121, 0125, 0310, 0311, 0490,  
 0881, 0988, 1225, 1278, 1674, 1998

CUBA REGION 0023, 0032, 0033, 0041,  
 0054, 0057, 0060, 0083, 0088,  
 0089, 0093, 0094, 0105, 0142,  
 0151, 0154, 0165, 0192, 0207,  
 0209, 0214, 0261, 0306, 0377,  
 0385, 0393, 0419, 0423, 0424,  
 0426, 0432, 0457, 0505, 0590,  
 0592, 0604, 0637, 0639, 0641,  
 0642, 0647, 0681, 0777, 0808,  
 0815, 0878, 0879, 0880, 0883,  
 0963, 0989, 1085, 1105, 1159,  
 1160, 1226, 1227, 1407, 1428,  
 1487, 1490, 1609, 1614, 1617,  
 1716, 1814, 1820, 1841, 1946,  
 1996, 2036, 2066, 2680

Belén 0393

Camagüey 0590, 0611, 1094

Central Ermita 0640

Central Najasa 0638

Guantanamo 0791, 0927

Guantanamo Bay 0457, 1737

Havana 0023, 0039, 0072, 0094,

0117, 0120, 0142, 0218, 0298,

0329, 0392, 0393, 0424, 0429,

0590, 0647, 0720, 0797, 1111,

1996

Las Villas 0660, 0880, 0882

Western Cuba Region 1460, 2485

JAMAICA REGION 0002, 0006, 0014,  
 0029, 0092, 0118, 0155, 0170,  
 0241, 0248, 0276, 0291, 0354,  
 0401, 0438, 0439, 0481, 0579,  
 0606, 0628, 0700, 0771, 0775,  
 0967, 1349, 1369, 1457, 1734,  
 1742, 1746, 1782, 1850, 1853,  
 2066

Blue Mts. 0354

Kingston 0308, 0368, 0475,

1610, 1789, 1834, 1877

Mandeville 0140

# METEOROLOGY GEOGRAPHICAL INDEX

## CARIBBEAN SEA GREATER ANTILLES JAMAICA REGION (cont.)

Northern Jamaica Region 0441  
Oyster Bay 2929

HISPANIOLA REGION 0008, 0091, 0161,  
0171, 0208, 0229, 0330, 0345,  
0422, 0602, 0672, 0680, 0778,  
0799, 1946, 2066

Cayenne 1213  
Cibao 0318  
Ciudad Trujillo 0388  
Damien 1310  
Dominican Republic 0279, 0388,  
0670, 0724, 0739, 0818, 0999,  
1281, 1341, 1883  
Haiti 0122, 0191, 0407, 0558,  
0580, 0598, 0609, 0615, 0833,  
1096, 1407, 1452, 1609, 1689  
Monte Cristi 0459  
Port-au-Prince 0078, 0086,  
0095, 0119, 0129, 0598  
Puerto Plata 0141  
Riviera Bois Chêne 0055  
Sabana de la Mar 0923  
Samaná Bay 0076  
Santo Domingo 0459, 0778  
Southeastern Hispaniola Region  
0925

PUERTO RICO REGION 0088, 0089,  
0090, 0098, 0111, 0112, 0128,  
0131, 0132, 0133, 0138, 0211,  
0220, 0228, 0233, 0237, 0238,  
0239, 0253, 0257, 0243, 0347,  
0367, 0381, 0384, 0429, 0443,  
0461, 0472, 0481, 0489, 0512,  
0515, 0516, 0539, 0543, 0554,  
0556, 0565, 0587, 0591, 0597,  
0608, 0613, 0620, 0649, 0680,  
0693, 0702, 0705, 0707, 0715,  
0718, 0719, 0735, 0737, 0749,  
0756, 0765, 0769, 0770, 0777,  
0783, 0807, 0847, 0889, 0894,  
0897, 0899, 0900, 0911, 0958,  
0968, 0993, 0994, 0999, 1059,  
1066, 1072, 1085, 1121, 1122,  
1133, 1140, 1159, 1160, 1214,  
1223, 1266, 1323, 1339, 1417,  
1471, 1508, 1520, 1534, 1547,  
1564, 1600, 1603, 1605, 1611,  
1612, 1637, 1661, 1689, 1698,  
1725, 1734, 1788, 1842, 1930,  
1937, 1946, 1971, 1982, 1991,  
2061

Arecibo 1591, 1601, 1602, 1615,  
1655, 1656, 1672, 1714, 1726,

## CARIBBEAN SEA GREATER ANTILLES PUERTO RICO REGION

Arecibo (cont.) 1727, 1807,  
1865, 1874, 1929, 1936, 1964,  
2018, 2034

Eastern Puerto Rico Region  
2464

Lajas 1221  
Mayagüez 0958, 0977, 1145,  
1178, 1345, 1540, 1611, 1616

Northern Puerto Rico Region  
1102

Off coast 1953

Pico del Oeste 1723

Ponce 1611

Ramey Air Force Base 1133

Río Humacao 2464

Río Turabo 2464

Río Valenciano 2464

Roosevelt Roads 1840

San Juan 0213, 0278, 0285

0342, 0347, 0464, 0467, 0475,

0561, 0658, 0675, 0695, 0760,

0761, 0764, 0785, 0797, 0897,

0915, 0943, 0999, 1085, 1111,

1133, 1207, 1589, 1611, 1855

Southern Puerto Rico Region

0560, 1642

Toro Negro Dam 0680

Yabucoa 0807

LESSER ANTILLES 0010, 0035, 0041  
0085, 0121, 0125, 0311, 0429, 0490,  
0674, 0881, 0951, 0988, 1225, 1278,  
1306, 1560, 1590, 1674, 1812, 1998

Barbados 0015, 0028, 0073, 0085,  
0246, 0290, 0382, 0532, 0628,  
0711, 0775, 1059, 1400, 1480,  
1503, 1528, 1560, 1561, 1598,  
1634, 1657, 1663, 1671, 1681,  
1682, 1710, 1718, 1731, 1739,  
1756, 1757, 1758, 1759, 1760,  
1792, 1806, 1810, 1833, 1840,  
1847, 1859, 1871, 1872, 1873,  
1879, 1890, 1891, 1892, 1893,  
1901, 1902, 1903, 1927, 1931,  
1933, 1942, 1952, 1954, 1962,  
1967, 1978, 1988, 1989, 2005,  
2009, 2019, 2021, 2022, 2032,  
2035, 2037, 2053, 2054, 2056,  
2057, 2058

Waterford 1229

Tobago 0628

Trinidad 0176, 0494, 0587, 0607,  
0625, 0628, 0687, 0697, 0700,  
0775, 1058, 1059, 1081, 1103,

# METEOROLOGY GEOGRAPHICAL INDEX

## CARIBBEAN SEA LESSER ANTILLES

Trinidad (cont.) 1118, 1140,  
1192, 1437, 1535, 1538, 1547,  
1576

Off coast 1071, 1356  
Piarco 0478  
Port of Spain 0475, 0535

LEeward ISLANDS REGION 0005, 0126,  
0680, 1976

Anguilla 0735  
Antigua 0108, 0240, 1075, 1768  
Off coast 2225

St. John's 0157  
Guadeloupe (and dependencies)  
0121, 0137, 0236, 0403, 0407,  
0558, 1070, 1096, 1172, 1201,  
1276, 1452, 1460, 1471, 1569,  
1609, 1748

Blanchet Morne-à-l'Eau  
0121

Camp Jacob 0137

Désirade 1468

Le Raizet Airport 0552,  
1213, 1276

Marie Galante 1468

Point-à-Pitre 0552, 1213,  
1276

St.-Barthélemy 1468

Saintes, Les 1468

Northern Leeward Islands Region  
0999

Saba 0215, 0307, 0688, 0785

The Bottom 0510

St. Christopher (variant), see St.  
Kitts

St. Eustatius 0152, 0307, 0688,  
1711

Concordia 0510

Oranjestad 0219, 0431,  
0510

St. Kitts 0001, 0111, 0775

St. Martin (French) 0407, 0558,  
1096, 1452, 1468, 1748

St. Martin (Netherlands) 0307,  
0688, 1711

Philipsburg 0219, 0360,  
0431, 0440, 0510

Virgin Islands 0253, 0381,  
0476, 0782, 0999, 1266, 1534,

Anegada 0635, 0695, 0699,  
0722, 0781, 0782, 1358

St. Croix Island 0007

St. Thomas Island 0875

NETHERLANDS ANTILLES REGION 0152,  
0160, 0275, 0307, 0360, 0431,  
0440, 0510, 0688, 1381, 1673,

## CARIBBEAN SEA LESSER ANTILLES

### NETHERLANDS ANTILLES REGION (cont.)

1711, see also under LEeward ISLANDS  
REGION

Aruba 0307, 0688, 1298, 1429,  
1525, 1527, 1652, 1654, 1711,  
1821

Oranjestad 0219, 0510

Bonaire 0307, 0688, 0873

Kralendyk 0219, 0510

Rincon 0219, 0510

Curacao 0152, 0219, 0232, 0307,  
0360, 0431, 0510, 0688, 1711,  
1956

Chikito 0307

Dr. Plesman Airport 1203

Willemstad 0219, 0360,

0431, 0440, 1637

Saba, see under LEeward ISLANDS  
REGION

St. Eustatius, see under LEeward  
ISLANDS REGION

St. Martin (Netherlands), see under  
LEeward ISLANDS REGION

WINDWARD ISLANDS REGION 0251, 0628,  
0794, 0912, 1528, 1561, 1830,  
1976

Dominica 0012, 0251

Grenada 1634

Martinique (and dependencies)

0121, 0235, 0251, 0271, 0288,

0349, 0407, 0558, 0906, 1070,

1096, 1172, 1213, 1452, 1468

1748

Fort-de-France 0357, 0413,

0485, 0552, 0674, 0906,

1213, 1225, 1886

Fort Desaix 0552, 1213

Mont Pelée 0412

Frêcheur 0415

St. Lucia 0313

Hope Estate 1242

St. Vincent 0236

CENTRAL AMERICAN COAST 0081, 0186,  
0231, 0242, 0292, 0321, 0344, 0351,  
0366, 0383, 0394, 0398, 0399, 0405,  
0471, 0480, 0501, 0608, 0644, 0665,  
0830, 0834, 0917, 0928, 0974, 0988,  
1023, 1107, 1108, 1152, 1175, 1272,  
1282, 1432, 1439, 1461, 1467, 1475,  
1482, 1537, 1545, 1606, 1634, 1639,  
1649, 1650, 1700, 1712, 1769, 1776,  
1790, 1817, 1837, 1916, 1921, 1968,  
1998, 2094, 2230

Off coast 0391, see also under  
HONDURAS, MEXICO and NICARAGUA

# METEOROLOGY GEOGRAPHICAL INDEX

## CENTRAL AMERICAN COAST (cont.)

BELIZIAN HARBOR 0104, 0310, 0008  
0107, 1007, 1009, 1010, 1040, 1000,  
1000, 1000, 1000

Belize 0110, 0159, 0194, 0319,  
0103  
Belize River 0049  
Cayo 0310  
Corozal 0319  
Orange Walk 0319  
Punta Gorda 0319  
Santa Rita 0110  
Stann Creek 0310

COSTA RICA 0027, 0049, 0062, 0076,  
1001, 1000, 1013, 1000

Carta 0710  
Irua 1000, 1070, 1043  
Parralito 0710

GUATEMALA 0007, 000, 1070, 1000,  
1000

HONDURAS 0070, 1000, 0000, 1000,  
1000, 1000

Off coast 0000  
Gula Valley 0000

MEXICO 0000, 0000, 0071, 0085, 0087,  
0000, 0000, 0000, 0087, 0000, 0000,  
0079, 0080, 0087, 0085, 0036, 0063,  
1007, 1000, 1007, 1000, 1000, 1000,  
1000, 1000, 1000

Chetumal 0726  
Eastern Mexico 0167, 0405  
Lerma Basin 1143  
Necaxa Basin 1143  
Off coast 0391  
Río Grande Basin 1852  
Río Grande Valley 1772  
Sierra Madre Oriental 1542  
Tampico 0166, 0786  
Veracruz 0603, 0953, 1567, 2043  
Yucatan 0325, 0685, 0787, 1128,  
1181, 1900

NICARAGUA 0535, 1340, 1343, 1000

Off coast 0532

PAHAMA 0206, 0373, 0386, 0409, 0420,  
0000, 0000, 0000, 0000, 0000,  
0000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000

Canal Zone 0100, 0000, 0000,

## CENTRAL AMERICAN COAST PANAMA

Canal Zone (cont.) 0614, 0669,  
0971, 0970, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000,  
1000, 1000, 1000, 1000, 1000

Albrook 1400  
Coco Solo 1993  
Cristobal 1043  
Fort Gulick 0767, 1994  
Fort Sherman 0767, 1994,  
2027  
Galea Island 1994  
Gatan Lake 0198, 0526

Colón 1801  
Darien 1423  
Eastern Panama 1361  
El Real 1360, 1423

GULF OF MEXICO 0003, 0016, 0022, 0050,  
0064, 0097, 0195, 0249, 0252, 0253,  
0255, 0259, 0262, 0263, 0265, 0269,  
0270, 0272, 0277, 0283, 0294, 0299,  
0303, 0304, 0305, 0314, 0315, 0321,  
0322, 0324, 0324, 0336, 0337, 0338,  
0364, 0365, 0375, 0398, 0399, 0408,  
0417, 0418, 0421, 0452, 0463, 0474,  
0499, 0502, 0530, 0540, 0544, 0563,  
0574, 0576, 0578, 0584, 0589, 0634,  
0645, 0673, 0678, 0679, 0684, 0732,  
0733, 0745, 0768, 0779, 0810, 0819,  
0820, 0826, 0827, 0842, 0857, 0859,  
0865, 0874, 0886, 0893, 0942, 0947,  
0948, 0951, 0954, 0955, 1020, 1023,  
1030, 1047, 1050, 1055, 1063, 1066,  
1075, 1077, 1082, 1083, 1087, 1091,  
1101, 1113, 1128, 1136, 1169, 1171,  
1200, 1205, 1206, 1218, 1220, 1228,  
1255, 1264, 1265, 1267, 1286, 1294,  
1299, 1308, 1318, 1326, 1350, 1351,  
1357, 1359, 1370, 1392, 1393, 1415,  
1416, 1420, 1431, 1433, 1447, 1456,  
1461, 1463, 1489, 1524, 1533, 1537,  
1539, 1541, 1551, 1570, 1571, 1576,  
1585, 1635, 1636, 1641, 1650, 1664,  
1665, 1666, 1668, 1676, 1678, 1693,  
1697, 1701, 1724, 1736, 1762, 1774,  
1775, 1777, 1780, 1785, 1796, 1817,  
1820, 1824, 1839, 1862, 1863, 1864,  
1878, 1912, 1914, 1915, 1917, 1970,  
1970, 1992, 1997, 2003, 2041, 2042,  
2046, 2047, 2055, 2059, 2063, 2066,  
2115, 2144, 2154, 2171, 2190, 2192,  
2226, 2236, 2239, 2246, 2251, 2252,  
2257, 2258, 2262, 2263, 2264, 2280,

# METEOROLOGY GEOGRAPHICAL INDEX

GULF OF MEXICO (cont.) 2289, 2353,  
2368, 2382, 2388, 2461, 2480, 2510,  
2568, 2576, 2595, 2613, 2626, 2659,  
2699, 2756, 2772, 2823, 2897, 2927

Alligator Harbor 2450  
Coastal waters, see MEXICO - Off coast  
and NORTH AMERICAN COAST - Off coast  
Eastern Gulf of Mexico 0302, 0447,  
0959, 1658, 1704, 1722, 1923,  
1950  
Florida Bay 2066  
Galveston Bay 1935, 2636, 2912  
Lake Charles 2050  
Lake Pontchartrain 1064  
Mobile Bay 0225, 2257  
Northeastern Gulf of Mexico 2545  
Northern Gulf of Mexico 0037, 1245,  
2698  
Northwestern Gulf of Mexico 0519,  
0931, 1395, 2383, 2486, 2642,  
2643  
Pensacola Harbor 0064  
Southern Gulf of Mexico 1384  
Tampa Bay 1067, 1128, 1410  
Western Gulf of Mexico 0187, 1161,  
1419, 2532

NORTH AMERICAN COAST 0017, 0618, 0036,  
0037, 0058, 0064, 0183, 0199, 0227,  
0242, 0249, 0292, 0321, 0394, 0398,  
0399, 0402, 0418, 0465, 0487, 0493,  
0499, 0502, 0506, 0531, 0541, 0570,  
0575, 0599, 0623, 0648, 0651, 0661,  
0665, 0676, 0685, 0698, 0703, 0709,  
0713, 0726, 0734, 0744, 0768, 0798,  
0833, 0856, 0865, 0867, 0877, 0898,  
0908, 0913, 0922, 0940, 0950, 0974,  
0980, 0981, 0986, 0988, 1013, 1020,  
1021, 1052, 1064, 1083, 1113, 1130,  
1146, 1152, 1153, 1206, 1220, 1248,  
1268, 1279, 1282, 1285, 1287, 1297,  
1305, 1320, 1344, 1351, 1358, 1374,  
1378, 1392, 1432, 1439, 1457, 1459,  
1461, 1472, 1485, 1492, 1537, 1539,  
1563, 1570, 1575, 1578, 1606, 1635,  
1650, 1662, 1678, 1683, 1694, 1696,  
1705, 1712, 1755, 1762, 1786, 1798,  
1817, 1844, 1904, 1911, 1925, 1926,  
1968, 1972, 1974, 1991, 2023, 2030,  
2094, 2230, 2258, 2376, 2397, 2505,  
2698, 2699, 2771

Off coast 0820, 2505, 2583, see also  
under FLORIDA, LOUISIANA and TEXAS.

ALABAMA 0946, 1120, 1205

Maxwell Air Force Base 1077  
Mobile 0146, 2045  
Mobile Bay, see under GULF OF MEXICO

## NORTH AMERICAN COAST (cont.)

FLORIDA 0003, 0020, 0026, 0061, 0124,  
0153, 0202, 0204, 0210, 0226, 0254,  
0278, 0284, 0293, 0300, 0326, 0340,  
0379, 0419, 0429, 0446, 0448, 0477,  
0485, 0498, 0511, 0524, 0555, 0562,  
0564, 0575, 0600, 0632, 0669, 0675,  
0677, 0692, 0717, 0727, 0728, 0779,  
0871, 0885, 0888, 0899, 0946, 0949,  
0964, 1003, 1011, 1014, 1017, 1939,  
1057, 1075, 1089, 1095, 1147, 1148,  
1149, 1150, 1170, 1174, 1204, 1210,  
1215, 1284, 1321, 1324, 1379, 1409,  
1427, 1433, 1458, 1524, 1544, 1585,  
1597, 1609, 1623, 1624, 1632, 1641,  
1661, 1704, 1741, 1767, 1779, 1880,  
1887, 1925, 1926, 1937, 1973, 1977,  
2007, 2036, 2039, 2043, 2066, 2505

Alligator Harbor, see under GULF OF  
MEXICO

Apalachicola 1390  
Cedar Keys 0562  
Dry Tortugas 0158  
Eastern Florida 1097, 2440  
Fenholloway Estuary 2641  
Florida Bay, see under GULF OF

## MEXICO

Florida Keys 0158, 1686, 1687,  
1854  
Key West 0352, 0475, 0500, 0667,  
1640  
Lake Okeechobee 1215, 2398  
Long Key 0763  
Lower Matecumbe Key 1910  
Miami 0416, 0475, 0518, 0521,  
0599, 0626, 0730, 0760, 0761,  
0764, 0774, 0907, 0915, 0998,  
1061, 1092, 1146, 1233, 1287,  
1355, 1399, 1456, 1766, 1907,  
1922, 1944, 1981  
Off coast 0071, 1080, 1522, 1607,  
1647, 1648, 2214, 2388, 2420,  
2502, 2510, 2549, 2641, 2889  
Pensacola 0149  
Pensacola Harbor, see under GULF OF  
MEXICO  
Perry  
San Pedro Bay [swamp] 1018  
Sanibel Island 0309  
Southeastern Florida 0340  
Southern Florida 0300, 0708,  
0997, 0998, 1035, 1230, 1256,  
1292, 1295, 1382, 1460, 1496,  
1504, 1505, 1506, 1507, 1515,  
1536, 1557, 1629, 1630, 1631,  
1728, 1765, 1908  
Southwestern Florida 0066  
Tallahassee 0551, 0605, 0736,  
0905, 1695, 1740,  
Tampa 0116, 0448, 0496, 0569,

# METEOROLOGY GEOGRAPHICAL INDEX

## NORTH AMERICAN COAST FLORIDA

Tampa (cont.) 1204, 1422, 1882,  
1928, 2050  
Tampa Bay, see under GULF OF MEXICO  
Waccasassa Estuary 2641

LOUISIANA 0034, 0044, 0079, 0147,  
0227, 0267, 0268, 0470, 0698, 0921,  
0935, 0946, 1218, 1336, 1419, 1587,  
1880, 1920, 2576

Alexandria 1134  
Central Mississippi Basin 0892  
Dernière Islands 0621  
Lake Charles, see under GULF OF  
MEXICO  
Lake Pontchartrain, see under GULF OF  
MEXICO  
Mississippi Delta 0866, 1180,  
1202, 1440, 2854  
Mississippi River 2030, 2206  
Mississippi Valley 0894, 1346  
New Orleans 0094, 0188, 0243,  
0278, 0323, 0328, 0675, 0684,  
0760, 0764, 1368, 1550, 1745,  
1925, 2050  
Off coast 0534, 0646, 0662, 0954,  
1822, 2388, 2897  
Southeastern Louisiana 0320  
Southern Louisiana 0200  
Southwest Pass 2258  
Southwestern Louisiana 1016  
Sulphur 0163

MISSISSIPPI 0053, 0079, 0470, 0498,  
1205, 2023, 2060

Biloxi 1090, 1262  
Gulfport 2052  
Pascagoula 0064

TEXAS 0082, 0127, 0135, 0169, 0184,  
0187, 0223, 0341, 0355, 0581, 0647,  
0731, 0858, 0869, 0921, 0946, 1012,  
1050, 1075, 1109, 1126, 1146, 1161,  
1218, 1285, 1296, 1314, 1336, 1364,  
1395, 1419, 1438, 1442, 1594, 1604,  
1645, 1673, 1685, 1693, 1732, 1733,  
1848, 1866, 1885, 1888, 1935, 1963,  
1975, 2010, 2028, 2029, 2164, 2719,  
2747, 2770, 2887

Brownsville 0675, 0684, 0810  
1208, 1733, 1772  
Caplen Pier 0784  
Corpus Christi 0123, 0168, 0180,  
0185, 0189, 0244, 0259, 2050,  
2153  
Del Rio 1518

## NORTH AMERICAN COAST TEXAS (cont.)

Freeport 0570  
Galveston 0080, 0093, 0100, 0102,  
0103, 0104, 0106, 0107, 0109,  
0144, 0177, 0196, 0370, 0599,  
0621, 0716, 0957, 1331, 1332,  
1446, 1628, 1645, 1781, 2016,  
2045, 2050, 2553  
Galveston Bay, see under GULF OF  
MEXICO  
Houston 0227, 0346, 0550, 1473,  
1963  
Kingsville 2568  
Off coast 0520, 0534, 0550, 0563,  
0779, 1126, 1442, 1822, 1997,  
2252, 2388, 2452, 2747  
Port Arthur 2012  
Rio Grande Plain 0956  
Rio Grande Valley 1772  
Southern Texas 0173  
Webb Air Force Base 1261

SOUTH AMERICAN COAST 0174, 0221, 0242,  
0292, 0327, 0366, 0383, 0385, 0387,  
0396, 0398, 0399, 0437, 0471, 0487,  
0650, 0944, 1009, 1152, 1272, 1650,  
1700, 2094, 2230

Off coast 0803, see also under  
VENEZUELA

COLOMBIA 0297, 0301, 0316, 0373,  
0862, 1131, 1330

Bogotá 1150  
Caracas 1770  
Old Providence Island, see under  
CARIBBEAN SEA  
St. Andrews Island, see under  
CARIBBEAN SEA  
Santa Marta 1241

VENEZUELA 0085, 0176, 0222, 0234,  
0353, 0362, 0373, 0444, 0482, 0486,  
0507, 0547, 0548, 0586, 0616, 0653,  
0831, 0832, 0844, 0872, 0937, 0952,  
1396, 1464, 1477, 1478, 1510, 1579,  
1580, 1581, 1582, 1583, 1707, 1823,  
1945, 1956, 2026

Boconó Basin 1026, 1069  
Caracas 0052, 0585, 1034, 1117,  
1523, 1804, 1913  
Caracas Valley 1135, 1715, 1870  
Ciudad Bolívar 0585  
Eastern Venezuela 2671  
El Guapo River 1465  
El Perú 0182  
Guaire River 1135

METEOROLOGY GEOGRAPHICAL INDEX

SOUTH AMERICAN COAST  
VENEZUELA (cont.)

Guapo River (variant), see El Guapo  
River

Gulf of Venezuela, see under  
CARIBBEAN SEA

Lake Maracaibo Basin 1553

Maracay 0553

Margarita Island 0965

Nueva Esparta 1735

Off coast 1949, 2547

Tuy River 1465

STRAITS OF FLORIDA 2144, 2180, 2238,  
2373, 2726

YUCATAN CHANNEL 0249, 1218, 2144

OCEANOGRAPHY SUBJECT INDEX  
[ALPHABETICAL KEY]

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vi



OCEANOGRAPHY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Acidity/Alkalinity-----	PROPERTIES	Divergence-----	PROCESSES
Activation Analysis-----	OPERATIONS	Downwelling-----	PROCESSES
Aircraft-----	AGENTS	Dredging-----	OPERATIONS
Amino Acid-----	CONSTITUENTS	Drift-----	PROCESSES
Analysis-----	OPERATIONS	Drift Bottles-----	AGENTS
Averages-----	AGENTS	Drilling Platforms-----	AGENTS
Aviation-----	GENERAL	Dynamic Analysis-----	OPERATIONS
Aviation Guides-----	FORM	Dynamic Heights-----	PROPERTIES
Backscattering-----	PROCESSES	Ecological Analysis-----	OPERATIONS
Barium-----	CONSTITUENTS	Economic Analysis-----	OPERATIONS
Bathyscaphs-----	AGENTS	Eddies-----	PROCESSES
Bathythermographs-----	FORM	Eddy Diffusion-----	PROCESSES
Bathythermographs-----	AGENTS	Education-----	GENERAL
Bays-----	THING/KIND	Electric Potential-----	PROPERTIES
Bibliographies-----	FORM	EM Currents-----	PROCESSES
Biofouling-----	PROCESSES	EM Propagation-----	PROCESSES
Boron/Chlorine-----	CONSTITUENTS	Energy-----	PROCESSES
Bottle Paper-----	AGENTS	Engineering-----	OPERATIONS
Breakwaters-----	GENERAL	Equipment-----	AGENTS
Bromine-----	CONSTITUENTS	Estuaries-----	THING/KIND
Budgets-----	AGENTS	Evaluation-----	OPERATIONS
Buoys-----	AGENTS	Expeditions-----	GENERAL
Cable Laying-----	OPERATIONS	Fatty Alcohol-----	CONSTITUENTS
Calcium-----	CONSTITUENTS	Fatty Ester-----	CONSTITUENTS
Canals-----	THING/KIND	Fishing-----	GENERAL
Carbon Dioxide-----	CONSTITUENTS	Fixed Stations-----	AGENTS
Channels-----	THING/KIND	Fleet Guides-----	FORM
Charts-----	FORM	Floating Platforms-----	AGENTS
Chemical Analysis-----	OPERATIONS	Flooding-----	PROCESSES
Chlorinity-----	PROPERTIES	Forecasting-----	OPERATIONS
Chloroform Soluble-----	CONSTITUENTS	Fouling-----	PROCESSES
Chlorophyll-----	CONSTITUENTS	Free Fatty Acid-----	CONSTITUENTS
Chromatography-----	OPERATIONS	Free Nitrogen-----	CONSTITUENTS
Circulation-----	PROCESSES	Frequencies-----	AGENTS
Classification-----	OPERATIONS	Fresh Water-----	PROPERTIES
Computation-----	OPERATIONS	GEK Instruments-----	AGENTS
Conferences-----	GENERAL	Geomagnetism-----	GENERAL
Convection-----	PROCESSES	Geostrophy-----	PROPERTIES
Convergence-----	PROCESSES	Gradients-----	AGENTS
Cooling-----	PROCESSES	Gravity-----	GENERAL
Copper-----	CONSTITUENTS	Gulf Stream Front-----	THING/KIND
Counter currents-----	PROCESSES	Gulfs-----	THING/KIND
Cruises-----	OPERATIONS	Harbors-----	THING/KIND
Current Meters-----	AGENTS	Harmonic Analysis-----	OPERATIONS
Currents-----	PROCESSES	Heating-----	PROCESSES
Damage-----	GENERAL	Heights-----	AGENTS
Data Processing-----	OPERATIONS	Hydrocarbon-----	CONSTITUENTS
Demarkation Lines-----	AGENTS	Hydrodynamic Analysis-----	OPERATIONS
Density-----	PROPERTIES	Hydrogen Peroxide-----	CONSTITUENTS
Depth-----	FACTS	Hydrographs-----	AGENTS
Declination-----	OPERATIONS	Hydrophones-----	AGENTS
Descriptions-----	OPERATIONS	Indexes-----	FORM
Design Data-----	GENERAL	Infrared Images-----	AGENTS
Discharge-----	PROCESSES	Infrared Instruments-----	AGENTS
Dissipation-----	PROCESSES		
Dissolved Oxygen-----	CONSTITUENTS		

OCEANOGRAPHY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Inorganic Phosphate-----	CONSTITUENTS	Oceans-----	THING/KIND
Instruments-----	AGENTS	Offshore Drilling-----	GENERAL
Interference-----	PROCESSES	Oil Slicks-----	GENERAL
Interference Analyzers-----	AGENTS	Oil Spillage (OCEAN	
Ion-----	CONSTITUENTS	EAGLE)-----	GENERAL
Ionondes-----	AGENTS	Oil Tankers-----	GENERAL
Iron-----	CONSTITUENTS	Organic Carbon-----	CONSTITUENTS
Isohaline Layer-----	PARTS	Oxygen-----	CONSTITUENTS
Isohalinity-----	PROPERTIES		
Isothermal Layer-----	PARTS		
		Particulate Matter-----	CONSTITUENTS
Jetties-----	GENERAL	Phosphate-----	CONSTITUENTS
Jurisdiction-----	GENERAL	Phosphate/Phosphorus-----	CONSTITUENTS
		Phosphorus-----	CONSTITUENTS
Kinematic Analysis-----	OPERATIONS	Photogrammetry-----	OPERATIONS
		Photography-----	OPERATIONS
Laboratory Methods-----	OPERATIONS	Photometers-----	AGENTS
Lakes-----	GENERAL	Photometry-----	OPERATIONS
Latent Heat-----	PROCESSES	Pile Loading-----	GENERAL
Lateral Mixing-----	PROCESSES	Pilot Charts-----	FORM
Legislation-----	GENERAL	Pilot Guides-----	FORM
Light Polarization-----	PROCESSES	Pipe Loading-----	PROCESSES
Lithium-----	CONSTITUENTS	Pipeline Protection-----	GENERAL
Littoral System-----	GENERAL	Pipeline Repair-----	GENERAL
Littoral Transport-----	GENERAL	Pipelines-----	GENERAL
Loran-----	AGENTS	Polarimeters-----	AGENTS
Luminescence-----	PROCESSES	Polarization-----	PROCESSES
		Pollution-----	PROPERTIES
Magnetism-----	GENERAL	Potassium-----	CONSTITUENTS
Magnetometers-----	AGENTS	Potential Temperature-----	PROPERTIES
Manganese-----	CONSTITUENTS	Potential Vorticity-----	PROPERTIES
Manuals-----	FORM	Pressure-----	PROPERTIES
Maps-----	FORM	Production-----	OPERATIONS
Markers-----	AGENTS	Progress Reports-----	FORM
Metric Cameras-----	AGENTS	Propagation-----	PROCESSES
Microbial-----	CONSTITUENTS		
Microseisms-----	GENERAL	Radar-----	AGENTS
Microwave Radiometers-----	AGENTS	Radiation-----	PROCESSES
Mid-Depth-----	PARTS	Radiation Temperature-----	PROPERTIES
Migration-----	PROCESSES	Radio Propagation-----	PROCESSES
Mixing-----	PROCESSES	Radioactive Meters-----	AGENTS
Mobile Platforms-----	AGENTS	Radioactivity-----	GENERAL
Models-----	AGENTS	Radioactive Carbon-----	CONSTITUENTS
Momentum-----	PROPERTIES	Radiocarbon Dating-----	OPERATIONS
Movement-----	PROCESSES	Radiography-----	OPERATIONS
		Radioisotope Generators-----	AGENTS
Nansen Bottles-----	AGENTS	Radionuclide-----	CONSTITUENTS
Nansen Casts-----	OPERATIONS	Radium-----	CONSTITUENTS
Naval Operations-----	GENERAL	Reactive Silica-----	CONSTITUENTS
Navigation-----	OPERATIONS	Red Tide-----	PROPERTIES
Networks-----	AGENTS	Reflection-----	PROCESSES
Nickel-----	CONSTITUENTS	Refraction-----	PROCESSES
Nitrate-----	CONSTITUENTS	Renewal-----	PROCESSES
Nitrite-----	CONSTITUENTS	Research Facilities-----	AGENTS
Nuclide-----	CONSTITUENTS	Research Programs-----	GENERAL
Nutrient-----	CONSTITUENTS	Resources-----	PROPERTIES
Nutritive Element-----	CONSTITUENTS	Reynolds' Stress-----	PROCESSES
		Rivers-----	GENERAL
Observations-----	OPERATIONS	Rubidium-----	CONSTITUENTS
		Run-Up-----	PROCESSES

OCEANOGRAPHY SUBJECT INDEX  
[ALPHABETICAL KEY]

<u>Subject</u>	<u>See</u>	<u>Subject</u>	<u>See</u>
Salinity-----	PROPERTIES	Tables-----	FORM
Salvage-----	GENERAL	Taut-Wire Buoys-----	AGENTS
Sampling-----	OPERATIONS	Temperature-----	PROPERTIES
Satellites-----	AGENTS	Territorial Waters-----	PARTS
Scattering-----	PROCESSES	Texas Towers-----	AGENTS
Sea Blooms-----	GENERAL	Thermal Analysis-----	OPERATIONS
Sea Level-----	PROPERTIES	Thermocline-----	PARTS
Sea Level Canal-----	THING/KIND	Thermocouples-----	AGENTS
Sea/Air Interaction-----	PROCESSES	Thermodynamic Analysis-----	OPERATIONS
Seas-----	THING/KIND	Thermographs-----	AGENTS
Sediments-----	GENERAL	Thickness-----	PROPERTIES
Sensible Heat-----	PROCESSES	Tidal Currents-----	PROCESSES
Ship Avoidance-----	OPERATIONS	Tidal Flushing-----	PROCESSES
Ship Protection-----	OPERATIONS	Tidal Waves-----	PROCESSES
Ship Reports-----	FORM	Tide Gages-----	AGENTS
Ships-----	AGENTS	Tide Stations-----	AGENTS
Shoaling-----	PROCESSES	Tides-----	PROCESSES
Shoran-----	AGENTS	Titration-----	OPERATIONS
Shorelines-----	THING/KIND	Towed Thermistors-----	AGENTS
Sigma t-----	PROPERTIES	Tracks-----	AGENTS
Signals-----	AGENTS	Transducers-----	AGENTS
Silica-----	CONSTITUENTS	Transparency-----	PROPERTIES
Silicate-----	CONSTITUENTS	Transport-----	PROCESSES
Sodium-----	CONSTITUENTS	Tsunamis-----	PROCESSES
Sound Propagation-----	PROCESSES	Turbulence-----	PROCESSES
Soundings-----	OPERATIONS		
Spacecraft-----	AGENTS	Ultraviolet-----	PROCESSES
Specific Gravity-----	PROPERTIES	Underwater Exploration-----	OPERATIONS
Spectral Analysis-----	OPERATIONS	Underwater Recovery-----	OPERATIONS
Spectrometry-----	OPERATIONS	Unmanned Stations-----	AGENTS
Stability-----	PROPERTIES	Upwelling-----	PROCESSES
Stability Shear Stress-----	PROCESSES		
Stagnant Pools-----	PROPERTIES	Variations-----	PROCESSES
State-----	PROPERTIES	Velocimeters (NBS)-----	AGENTS
Stations-----	AGENTS	Velocity-----	PROPERTIES
Statistical Analysis-----	OPERATIONS	Vertical Stability-----	PROPERTIES
Statistical Studies-----	OPERATIONS	Vorticity-----	PROPERTIES
STD Instruments-----	AGENTS		
Step Gages-----	AGENTS	Waste Disposal-----	OPERATIONS
Storm Avoidance-----	OPERATIONS	Water Level-----	PROPERTIES
Storm Surges-----	PROCESSES	Water Masses-----	PARTS
Straits-----	THING/KIND	Wave Force Meters-----	AGENTS
Stratification-----	PROPERTIES	Wave Generations-----	PROCESSES
Stream Functions-----	AGENTS	Wave Trippers-----	AGENTS
Strontium-----	CONSTITUENTS	Waves-----	PROCESSES
Structure-----	PROPERTIES		
Submarine Pens-----	GENERAL	Yachting Guides-----	FORM
Submarines-----	AGENTS		
Submerged Lands-----	GENERAL	Zinc-----	CONSTITUENTS
Submersibles-----	AGENTS		
Sulphate-----	CONSTITUENTS		
Summaries-----	FORM		
Surf-----	PROCESSES		
Surface-----	PARTS		
Surface Effects-----	PROCESSES		
Surface Stress-----	PROCESSES		
Surveys-----	OPERATIONS		
Swells-----	PROCESSES		
Symposia-----	GENERAL		
Synoptic Analysis-----	OPERATIONS		

OCEANOGRAPHY SUBJECT INDEX

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vi

# OCEANOGRAPHY SUBJECT INDEX

## GENERAL-Aviation,Breakwaters,Conferences,etc.

AVIATION-Seas:Navigation:Aviation 2209

BREAKWATERS-Shorelines:Engineering:Breakwaters 2266

CONFERENCES-Conferences 2926

CONFERENCES-Conferences:Bibliographies 2431

CONFERENCES-Flooding:Conferences 1594

CONFERENCES-Gulfs:Conferences 2862

CONFERENCES-Shorelines:Conferences 2284, 2438

CONFERENCES-Shorelines:Engineering:Conferences 2245

DAMAGE-Gulfs:Storm Surges:Damage 2171, 2234, 2258

DAMAGE-Rivers:Flooding:Damage 2464

DAMAGE-Seas:Storm Surges:Damage 2033

DAMAGE-Shorelines:Currents:Damage 2178

DAMAGE-Shorelines:Storm Surges:Damage 1016, 2153, 2178, 2712, 2747

DAMAGE-Storm Surges:Damage:Drilling Platforms 2712

DESIGN DATA-Bays:Engineering:Design Data 2560

DESIGN DATA-Flooding:Engineering:Design Data 2771

DESIGN DATA-Gulfs:Waves:Design Data 3078

DESIGN DATA-Rivers:Engineering:Design Data 2460

DESIGN DATA-Storm Surges:Engineering:Design Data 2391, 2410, 2543, 2692, 2715

EDUCATION-Education 0905, 2378

EDUCATION-Gulfs:Underwater Exploration:Education 3031

EDUCATION-Seas:Navigation:Education 2068

EXPEDITIONS-Sea/Air Interaction:Expeditions 1873

FISHING-Seas:Observations:Fishing 2211

GEOMAGNETISM-Geomagnetism:Observations:Magnetometers 2748, 2916

GEOMAGNETISM-Geomagnetism:Observations:Submarines 2748

GEOMAGNETISM-Seas:Geomagnetism:Observations 2916

GEOMAGNETISM-Shorelines:Depth:Geomagnetism 2748

GEOMAGNETISM-Shorelines:Geomagnetism:Observations 2748

GEOMAGNETISM-Straits:Geomagnetism:Electric Potential 2304, 2309

GRAVITY-Gravity:Summaries 2532

JETTIES-Gulfs:Engineering:Jetties 2135

JURISDICTION-Seas:Territorial Waters:Jurisdiction 2581

JURISDICTION-Shorelines:Jurisdiction 2489, 2802

JURISDICTION-Shorelines:Resources:Jurisdiction 2864

JURISDICTION-Shorelines:Submerged Lands:Jurisdiction 2852

JURISDICTION-Shorelines:Territorial Waters:Jurisdiction 2753

LAKES-Lakes:Tides:Summaries 2398

LAKES-Lakes:Waves:Summaries 2398

LEGISLATION-Radioactivity:Waste Disposal:Legislation 2479

LITTORAL SYSTEM-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## GENERAL-(Cont.)

LITTORAL SYSTEM-Shorelines:Littoral System:  
Summaries 2624

LITTORAL TRANSPORT-Waves:Energy:Littoral  
Transport 2566

MAGNETISM-Straits:Magnetism:Observations  
2172

MICROSEISMS-Seas:Storm Surges:Microseisms  
2226

MICROSEISMS-Shorelines:Waves:Microseisms  
2497, 2544

NAVAL OPERATIONS-Shorelines:Naval Opera-  
tions 3079

OFFSHORE DRILLING-Gulfs:Offshore Drilling  
2900

OIL SLICKS-Gulfs:Pollution:Oil Slicks  
3039

OIL SLICKS-Harbors:Oil Slicks:Statistical  
Studies 2450

OIL SLICKS-Harbors:Pollution:Oil Slicks  
3069

OIL SLICKS-Oil Slicks:Statistical Studies:  
frequencies 2450

OIL SLICKS-Shorelines:Pollution:Oil Slicks  
3069

OIL SPILLAGE-Seas:Pollution:Oil Spillage  
(OCEAN EAGLE) 2822

OIL TANKERS-Harbors:Oil Tankers:Salvage  
2923

PILE LOADING-Waves:Engineering:Pile Load-  
ing 2516

PIPELINE PROTECTION-Storm Surges:Engineer-  
ing:Pipeline Protection 2754

PIPELINE REPAIR-Gulfs:Engineering:Pipeline  
Repair 2751

PIPELINE REPAIR-Gulfs:Pipeline Repair:  
Radiography 2876

PIPELINES-Bays:Engineering: Pipelines 2240

PIPELINES-Shorelines:Engineering: Pipelines  
2815

RADIOACTIVITY-Gulfs:Radioactivity:Waste  
Disposal 2435, 2479

RADIOACTIVITY-Oceans:Radioactivity:Waste  
Disposal 2435

RADIOACTIVITY-Radioactivity:Waste Disposal:  
Legislation 2479

RADIOACTIVITY-Shorelines:Radioactivity:  
Waste Disposal 2435

RESEARCH PROGRAMS-Bays:Red Tide:Research  
Programs 2507

RESEARCH PROGRAMS-Buoys:Research Programs  
1816

RESEARCH PROGRAMS-Estuaries:Observations:  
Research Programs  
2710

RESEARCH PROGRAMS-Estuaries:Research Pro-  
grams 2701

RESEARCH PROGRAMS-Gulfs:Cruises:Research  
Programs 2863, 2902

RESEARCH PROGRAMS-Gulfs:Observations:  
Research Programs  
2706, 3065

RESEARCH PROGRAMS-Gulfs:Pollution:Research  
Programs 2871

RESEARCH PROGRAMS-Gulfs:Research Programs  
2406, 2439, 2452, 2455,  
2461, 2480, 2580, 2592,  
2635, 2737, 2742, 2775,  
2778, 2806, 2812, 2821,  
2823, 2835, 2843, 2851,  
2856, 2873, 2879, 2924,  
2928, 3014, 3015, 3044,  
3045, 3046, 3063, 3072

RESEARCH PROGRAMS-Gulfs:Shorelines:Research  
Programs 2292

RESEARCH PROGRAMS-Gulfs:Storm Surges:  
Research Programs  
2897

RESEARCH PROGRAMS-Harbors:Charts:Research  
Programs 3028

RESEARCH PROGRAMS-Observations:Drift Bot-  
tles:Research Programs  
3020

RESEARCH PROGRAMS-Observations:Research  
Programs 2627

# OCEANOGRAPHY SUBJECT INDEX

## GENERAL-(Cont.)

RESEARCH PROGRAMS-Sea/Air Interaction:  
Research Programs  
1879, 1954, 1955, 2005,  
2022, 2024, 2031, 2037,  
2038, 2052, 2053, 2054,  
2056, 2057, 2058

RESEARCH PROGRAMS-Seas:Cruises:Research  
Programs 2902

RESEARCH PROGRAMS-Seas:Equipment:Research  
Programs 2890

RESEARCH PROGRAMS-Seas:Propagation:  
Research Programs  
2702

RESEARCH PROGRAMS-Seas:Research Programs  
0961, 1136, 2459, 2580,  
2833, 2851, 2893, 3011,  
3012, 3013, 3016, 3017,  
3018, 3019, 3063, 3073

RESEARCH PROGRAMS-Seas:Research Programs:  
Bibliographies 2431

RESEARCH PROGRAMS-Seas:Underwater Explora-  
tion:Research Programs  
2702, 2877

RESEARCH PROGRAMS-Seas:Wave Generation:  
Research Programs  
2875

RESEARCH PROGRAMS-Shorelines:Currents:  
Research Programs  
2601

RESEARCH PROGRAMS-Shorelines:Observations:  
Research Programs  
2903

RESEARCH PROGRAMS-Shorelines:Research Pro-  
grams 2503, 2675

RESEARCH PROGRAMS-Shorelines:Underwater  
Exploration:Research  
Programs 2498

RESEARCH PROGRAMS-Straits:Cruises:Research  
Programs 2343

RESEARCH PROGRAMS-Straits:Currents:  
Research Programs  
2182, 2261, 2276, 2309,  
2351, 2381, 2618, 2640,  
2664, 2698, 2706

RESEARCH PROGRAMS-(see next column)

RESEARCH PROGRAMS-Underwater Exploration:  
Submersibles(TEKTITE):  
Research Programs  
3074

RESEARCH PROGRAMS(CICAR)-Gulfs:Research  
Programs(CICAR)  
2827

RESEARCH PROGRAMS(CICAR)-Seas:Research  
Programs(CICAR)  
2899, 3047,  
3076

RESEARCH PROGRAMS(CURC)-Gulfs:Research  
Programs(CURC)  
2765

RIVERS-Gulfs:Rivers:Currents 2115

RIVERS-Rivers:Discharge 2313

RIVERS-Rivers:Engineering:Design Data  
2460

RIVERS-Rivers:Flooding:Damage 2464

RIVERS-Rivers:Shoaling:Summaries 2400

RIVERS-Rivers:Structure:Analysis 2123

RIVERS-Rivers:Temperature:Statistical  
Studies 2206

RIVERS-Seas:Rivers:Discharge 2475

RIVERS-Shorelines:Rivers:Discharge 2354

SALVAGE-Harbors:Oil Tankers:Salvage  
2923

SEDIMENTS-Gulfs:Circulation:Sediments  
2423

SEA BLOOMS-Seas:Sea Blooms:Analysis  
2428

SUBMARINE PENS-Seas:Engineering:Submarine  
Pens 2600

SUBMERGED LANDS-Shorelines:Submerged  
Lands:Jurisdiction 2852

SYMPODIA-Gulfs:Storm Surges:Symposia  
2743

SYMPODIA-Gulfs:Symposia 3032

SYMPODIA-Seas:Symposia 2827, 3032

# OCEANOGRAPHY SUBJECT INDEX

## FORM-Aviation Guides, Bathythermograms, etc.

AVIATION GUIDES-Gulfs:Aviation Guides  
2198

AVIATION GUIDES-Seas:Aviation Guides  
2198

BATHYTHERMOGRAMS-Temperature:Observations:  
Bathythermograms 2359

BIBLIOGRAPHIES-Bays:Bibliographies 2320,  
2323

BIBLIOGRAPHIES-Conferences:Bibliographies  
2431

BIBLIOGRAPHIES-Estuaries:Bibliographies  
2442

BIBLIOGRAPHIES-Gulfs:Bibliographies  
3008

BIBLIOGRAPHIES-Gulfs:Shorelines:Biblio-  
graphies 2331

BIBLIOGRAPHIES-Harbors:Bibliographies  
2287, 2334

BIBLIOGRAPHIES-Oceans:Bibliographies  
2471

BIBLIOGRAPHIES-Seas:Bibliographies 2724,  
2725, 2808

BIBLIOGRAPHIES-Seas:Research Programs:  
Bibliographies 2431

BIBLIOGRAPHIES-Shorelines:Bibliographies  
2173, 2804

BIBLIOGRAPHIES-Shorelines:Storm Surges:  
Bibliographies 2660

CHARTS-Bays:Charts 2931, 2935, 2937,  
2942, 2950, 2951, 2954, 2955,  
2956, 2957, 2958, 2971, 2972,  
2984, 2986, 2987, 2988, 2990

CHARTS-Channels:Navigation:Charts 2070

CHARTS-Estuaries:Charts 2789, 2932,  
2941

CHARTS-Gulfs:Charts 2065, 2066, 2113,  
2744, 2951, 2960

CHARTS-Gulfs:Depth:Charts 0534

CHARTS-Gulfs:Navigation:Charts 2071,  
2073, 2095, 2117, 2124, 2125,  
2128, 2145, 2148, 2241

CHARTS-Gulfs:Shorelines:Charts 2111,  
2112

CHARTS-Gulfs:Temperature:Charts 2143

CHARTS-Gulfs:Tides:Charts 2104

CHARTS-Harbors:Charts 2944, 2945, 2948,  
2966, 2975, 2985

CHARTS-Harbors:Charts:Research Programs  
3028

CHARTS-Harbors:Navigation:Charts 2898,  
2906

CHARTS-Seas:Charts 2731, 2844, 2845,  
2846, 2847, 2858, 2859, 2860,  
2933, 2997, 2998, 2999, 3000,  
3001, 3002, 3003, 3005, 3006,  
3007

CHARTS-Seas:Navigation:Charts 2068,  
2069, 2072, 2073, 2092, 2117,  
2124, 2145, 2148

CHARTS-Seas:Temperature:Charts 2201

CHARTS-Shorelines:Charts 2732, 2745,  
2786, 2787, 2788, 2790, 2791,  
2792, 2794, 2795, 2796, 2799,  
2800, 2894, 2929, 2930, 2934,  
2936, 2938, 2939, 2940, 2943,  
2946, 2947, 2949, 2952, 2953,  
2959, 2961, 2962, 2963, 2964,  
2965, 2967, 2968, 2969, 2970,  
2973, 2974, 2976, 2977, 2978,  
2979, 2980, 2982, 2983, 2989,  
2990, 2991, 2993, 2994, 2995,  
2996, 3024, 3025, 3027, 3029,  
3030

CHARTS-Straits:Charts 2981, 3023

CHARTS-Straits:Temperature:Charts 2143

FLEET GUIDES-Seas:Fleet Guides 3026

INDEXES-Seas:Cruises:Indexes 2838

MANUALS-Gulfs:Navigation:Manuals 2100

MANUALS-Seas:Navigation:Manuals 2100

MANUALS-(see next page)



# OCEANOGRAPHY SUBJECT INDEX

## FORM-(Cont.)

- |   |   |
|---|---|
| MANUALS-Shorelines:Navigation:Manuals<br>2682   | SHIP REPORTS-Gulfs:Temperature:Ship<br>Reports 2312       |
| MAPS-Seas:Maps 2290, 2637   | SHIP REPORTS-Observations:Ship Reports<br>2368            |
| MAPS-Seas:Navigation:Maps 2218  | SHIP REPORTS-Seas:Observations:Ship<br>Reports 2193, 2213 |
| MAPS-Shorelines:Maps 2219, 2227   | SHIP REPORTS-Shorelines:Observations:Ship<br>Reports 2101 |
| MAPS-Shorelines:Navigation:Maps 2235  | SUMMARIES-Bays:Amino Acid:Summaries<br>2611               |
| PILOT CHARTS-Gulfs:Pilot Charts 2411  | SUMMARIES-Bays:Biofouling:Summaries<br>2818               |
| PILOT GUIDES-Bays:Pilot Guides 2080,<br>2081  | SUMMARIES-Bays:Circulation:Summaries<br>2278              |
| PILOT GUIDES-Canals:Pilot Guides 2158,<br>2162, 2212, 2221, 2222,<br>2244   | SUMMARIES-Bays:Cruises:Summaries 2818                     |
| PILOT GUIDES-Channels:Pilot Guides<br>2078, 2091  | SUMMARIES-Bays:Density:Summaries 2920                     |
| PILOT GUIDES-Gulfs:Pilot Guides 2075,<br>2076, 2077, 2078, 2081,<br>2086, 2088, 2089, 2090,<br>2091, 2093, 2103, 2107,<br>2109, 2119, 2122, 2126,<br>2130, 2159, 2224, 2256,<br>2355, 2411  | SUMMARIES-Bays:Depth:Summaries 2499                       |
| PILOT GUIDES-Harbors:Pilot Guides 2137,<br>2139   | SUMMARIES-Bays:Dissolved Phosphorus:Summar-<br>ies 2268   |
| PILOT GUIDES-Oceans:Pilot Guides 2155,<br>2224  | SUMMARIES-Bays:Inorganic Phosphate:Summar-<br>ies 2417    |
| PILOT GUIDES-Seas:Pilot Guides 2064,<br>2074, 2076, 2077, 2079,<br>2080, 2082, 2083, 2086,<br>2088, 2089, 2090, 2093,<br>2094, 2099, 2107, 2109,<br>2119, 2122, 2126, 2130,<br>2155, 2159, 2207, 2210,<br>2216, 2231, 2256, 2355,<br>2411, 2412, 2512 | SUMMARIES-Bays:Luminescence:Summaries<br>2922             |
| PILOT GUIDES-Shorelines:Pilot Guides<br>2138, 2156, 2159, 2167,<br>2170, 2230, 2265, 2355,<br>2512, 2569, 2793  | SUMMARIES-Bays:Structure:Summaries 2814                   |
| PROGRESS REPORTS-Progress Reports 2097  | SUMMARIES-Bays:Summaries 2237, 2451,<br>2550, 2727, 2918  |
| SHIP REPORTS-Currents:Observations:Ship<br>Reports 2136   | SUMMARIES-Bays:Surface:Summaries 2499                     |
| SHIP REPORTS-Gulfs:Observations:Ship<br>Reports 2183  | SUMMARIES-Bays:Tidal Flushing:Summaries<br>2278           |
|   | SUMMARIES-Bays:Tides:Summaries 2451,<br>2920              |
|   | SUMMARIES-Bays:Transparency:Summaries<br>2814             |
|   | SUMMARIES-Canals:Temperature:Summaries<br>0706            |
|   | SUMMARIES-Canals:Tides:Summaries 2169                     |
|   | SUMMARIES-Channels:Temperature:Summaries<br>2108, 2181    |
|   | SUMMARIES-(see next page)                                 |

# OCEANOGRAPHY SUBJECT INDEX

## FORM- (Cont.)

SUMMARIES-Currents:Eddies:Summaries  
2735

SUMMARIES-Currents:Summaries 2451

SUMMARIES-EM Propagation:Reflection:Sum-  
maries 2246

SUMMARIES-Estuaries:Calcium:Summaries  
2602

SUMMARIES-Estuaries:Chlorinity:Summaries  
2602

SUMMARIES-Estuaries:Circulation:Summaries  
2609

SUMMARIES-Estuaries:Cruises:Summaries  
2377, 2709

SUMMARIES-Estuaries:Discharge:Summaries  
2577, 2920

SUMMARIES-Estuaries:Magnesium:Summaries  
2602

SUMMARIES-Estuaries:Salinity:Summaries  
2366, 2367, 2607

SUMMARIES-Estuaries:Storm Surges:Summaries  
2854

SUMMARIES-Estuaries:Summaries 2366,  
2367, 2451, 2589, 2607, 2680

SUMMARIES-Estuaries:Temperature:Summaries  
2366, 2367

SUMMARIES-Estuaries:Tides:Summaries  
2399, 2607, 2641

SUMMARIES Gravity:Summaries 2532

SUMMARIES-Gulfs:Acidity/Alkalinity:Summar-  
ies 2305

SUMMARIES-Gulfs:Boron/Chlorine:Summaries  
2484

SUMMARIES-Gulfs:Carbon Dioxide:Summaries  
2305

SUMMARIES-Gulfs:Chlorophyll:Summaries  
2670

SUMMARIES-Gulfs:Circulation:Summaries  
2135, 2357, 2708

SUMMARIES-Gulfs:Cooling:Summaries 2643

SUMMARIES-Gulfs:Copper:Summaries 2305,  
2775

SUMMARIES-Gulfs:Cruises:Summaries 2257,  
2272, 2296, 2330, 2368, 2377,  
2387, 2395, 2430, 2453, 2457,  
2474, 2480, 2501, 2510, 2531,  
2597, 2612, 2613, 2619, 2626,  
2655, 2688, 2698, 2708, 2729,  
2737, 2750, 2757, 2762, 2807,  
2837, 2851, 2856, 2880, 2881,  
2882, 2883, 2884, 2896, 2908,  
3038, 3060

SUMMARIES-Gulfs:Currents:Summaries 1648,  
2067, 2115, 2135, 2141, 2144,  
2147, 2469, 2540, 2632, 2663,  
2721, 2757, 2850, 2892, 2896,  
3038, 3049

SUMMARIES-Gulfs:Density:Summaries 2208,  
2255, 2774

SUMMARIES-Gulfs:Depth:Summaries 2707

SUMMARIES-Gulfs:Dissolved Oxygen:Summaries  
2556, 3060

SUMMARIES-Gulfs:Dissolved Phosphorus:Sum-  
maries 2268, 2305

SUMMARIES-Gulfs:Fatty Alcohol:Summaries  
2734

SUMMARIES-Gulfs:Fatty Ester:Summaries  
2734

SUMMARIES-Gulfs:Free Fatty Acid:Summaries  
2734

SUMMARIES-Gulfs:Hydrocarbon:Summaries  
2734

SUMMARIES-Gulfs:Hydrogen Sulfide:Summaries  
2436

SUMMARIES-Gulfs:Microbial:Summaries  
2716

SUMMARIES-Gulfs:Navigation:Summaries  
2149

SUMMARIES-Gulfs:Nitrate:Summaries 2305

SUMMARIES-Gulfs:Nitrite:Summaries 2305

SUMMARIES-Gulfs:Organic Carbon:Summaries  
2848

SUMMARIES-Gulfs:Oxygen:Summaries 2305,  
2474

# OCEANOGRAPHY SUBJECT INDEX

## FORM- (Cont.)

SUMMARIES-Gulfs:Phosphate:Summaries  
2251, 2272, 2908

SUMMARIES-Gulfs:Phosphate/Phosphorus:Sum-  
maries 2670

SUMMARIES-Gulfs:Phosphorus:Summaries  
2305

SUMMARIES-Gulfs:Pollution:Summaries  
2301

SUMMARIES-Gulfs:Potential Temperature:Sum-  
maries 2556

SUMMARIES-Gulfs:Radiation:Summaries  
1648

SUMMARIES-Gulfs:Radionuclide:Summaries  
2639

SUMMARIES-Gulfs:Reactive Silica:Summaries  
2716

SUMMARIES-Gulfs:Salinity:Summaries 2233,  
2251, 2252, 2272, 2297, 2305,  
2474, 2556, 2654, 2670, 2708,  
2716, 2740, 2807

SUMMARIES-Gulfs:Sea Level:Summaries  
1648, 2252, 2264, 2289, 2630,  
2831

SUMMARIES-Gulfs:Shorelines:Summaries  
1421

SUMMARIES-Gulfs:Specific Gravity:Summaries  
2133

SUMMARIES-Gulfs:State:Summaries 2670

SUMMARIES-Gulfs:Storm Surges:Summaries  
0950, 2150, 2415, 2505

SUMMARIES-Gulfs:Stratification:Summaries  
2850

SUMMARIES-Gulfs:Summaries 2114, 2118,  
2125, 2205, 2251, 2285, 2288,  
2302, 2313, 2317, 2352, 2361,  
2362, 2405, 2432, 2454, 2511,  
2567, 2584, 2591, 2670, 2678,  
2713, 2727, 2751, 2801, 2918,  
3034

SUMMARIES-Gulfs:Surface:Summaries 2455

SUMMARIES-Gulfs:Temperature:Summaries  
1648, 2184, 2185, 2186, 2242,

SUMMARIES-Gulfs:Temperature:Summaries-  
(cont.) 2251, 2259, 2272, 2297,  
2359, 2379, 2474, 2567, 2568,  
2626, 2642, 2643, 2670, 2699,  
2716, 2739, 2741, 2760, 2772,  
2866, 2913, 2927

SUMMARIES-Gulfs:Tides:Summaries 0684,  
2115, 2179, 2289, 2455, 2670

SUMMARIES-Gulfs:Transparency:Summaries  
2199, 2294

SUMMARIES-Gulfs:Ultraviolet Absorption:  
Summaries 2670

SUMMARIES-Gulfs:Upwelling:Summaries  
2643, 2721, 2840

SUMMARIES-Gulfs:Water Masses:Summaries  
2755

SUMMARIES-Gulfs:Waves:Summaries 1648,  
2252, 2265, 2415, 2546, 2568,  
2739, 3071

SUMMARIES-Harbors:Summaries 2322, 2332,  
2380

SUMMARIES-Harbors:Swells:Summaries 2329

SUMMARIES-Harbors:Tides:Summaries 2450

SUMMARIES-Harbors:Waves:Summaries 2450

SUMMARIES-Lakes:Tides:Summaries 2398

SUMMARIES-Lakes:Waves:Summaries 2398

SUMMARIES-Oceans:Cruises:Summaries 2446,  
2458, 2521, 2535, 2687

SUMMARIES-Oceans:Currents:Summaries  
2149, 2407, 2455, 2521, 2615,  
2721

SUMMARIES-Oceans:Salinity:Summaries  
2446

SUMMARIES-Oceans:Sound Propagation:Summar-  
ies 2586, 2689

SUMMARIES-Oceans:Summaries 2470, 2594

SUMMARIES-Oceans:Temperature:Summaries  
2440, 2446, 2726

SUMMARIES-Oceans:Waves:Summaries 2382

SUMMARIES-Rivers:Shoaling:Summaries  
2460

# OCEANOGRAPHY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Salinity:Summaries	2451	SUMMARIES-Seas:Nuclide:Summaries	2536
SUMMARIES-Seas:Barium:Summaries	2779, 2805	SUMMARIES-Seas:Nutrient:Summaries	2810
SUMMARIES-Seas:Carbon Dioxide:Summaries	2160	SUMMARIES-Seas:Nutritive Element:Summaries	2686
SUMMARIES-Seas:Circulation:Summaries	2608	SUMMARIES-Seas:Oxygen:Summaries	2202, 2436, 2475, 2661
SUMMARIES-Seas:Convection:Summaries	3033	SUMMARIES-Seas:Phosphorus:Summaries	2436
SUMMARIES-Seas:Countercurrents:Summaries	2672	SUMMARIES-Seas:Radiocarbon:Summaries	2780
SUMMARIES-Seas:Cruises:Summaries	2433, 2436, 2445, 2448, 2453, 2456, 2458, 2475, 2532, 2535, 2538, 2571, 2572, 2612, 2613, 2631, 2655, 2658, 2661, 2703, 2704, 2705, 2816, 2817, 2819, 2839, 2851, 2872, 2916, 2925, 3052	SUMMARIES-Seas:Salinity:Summaries	2524, 2661, 2819, 3043
SUMMARIES-Seas:Currents:Summaries	2067, 2094, 2303, 2407, 2538, 2669, 2672, 2738, 2819, 2910, 3049	SUMMARIES-Seas:Sea Level:Summaries	2563
SUMMARIES-Seas:Density:Summaries	2208, 2475	SUMMARIES-Seas:Sigma t: Summaries	2325, 2904
SUMMARIES-Seas:Depth:Summaries	2191	SUMMARIES-Seas:Silicate:Summaries	2436
SUMMARIES-Seas:Downwelling:Summaries	2691	SUMMARIES-Seas:Sound Propagation:Summaries	2623
SUMMARIES-Seas:Dynamic Heights:Summaries	2819	SUMMARIES-Seas:Storm Surges:Summaries	2408, 2746
SUMMARIES-Seas:Free Nitrogen:Summaries	2437	SUMMARIES-Seas:Strontium:Summaries	2651, 2805
SUMMARIES-Seas:Harbors:Summaries	2121	SUMMARIES-Seas:Summaries	2134, 2315, 2358, 2386, 2548, 2557, 2565, 2590, 2594, 2653, 2683, 2713
SUMMARIES-Seas:Hydrocarbon:Summaries	2886	SUMMARIES-Seas:Swells:Summaries	2665
SUMMARIES-Seas:Lateral Mixing:Summaries	2204	SUMMARIES-Seas:Temperature:Summaries	2187, 2327, 2364, 2445, 2475, 2577, 2623, 2661, 2703, 2704, 2819, 3043
SUMMARIES-Seas:Light Polarization:Summaries	2371	SUMMARIES-Seas:Tides:Summaries	2094
SUMMARIES-Seas:Luminescence:Summaries	2468	SUMMARIES-Seas:Transparency:Summaries	2199, 2476
SUMMARIES-Seas:Nitrate:Summaries	2436	SUMMARIES-Seas:Tsunamis:Summaries	2811
		SUMMARIES-Seas:Upwelling:Summaries	2691
		SUMMARIES-Seas:Vertical Stability:Summaries	2204
		SUMMARIES-Seas:Waves:Summaries	2408
		SUMMARIES-(see next page)	

# OCEANOGRAPHY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Shorelines:Acidity/Alkalinity:  
Summaries 2485

SUMMARIES-Shorelines:Calcium:Summaries  
2523, 2610

SUMMARIES-Shorelines:Cruises:Summaries  
2420, 2513, 2514, 2515, 2530,  
2603, 2676, 2769, 2784, 2870,  
2885, 2907

SUMMARIES-Shorelines:Currents:Summaries  
2357, 2420, 2582, 2605, 2674,  
2769, 2891, 3057

SUMMARIES-Shorelines:Density:Summaries  
2628

SUMMARIES-Shorelines:Hydrogen Peroxide:  
Summaries 2700

SUMMARIES-Shorelines:Littoral System:Sum-  
maries 2624

SUMMARIES-Shorelines:Magnesium:Summaries  
2523, 2610

SUMMARIES-Shorelines:Mid-Depth:Summaries  
2853

SUMMARIES-Shorelines:Nitrate:Summaries  
2420, 2522

SUMMARIES-Shorelines:Nutrient:Summaries  
2832

SUMMARIES-Shorelines:Phosphorus:Summaries  
2260, 2420

SUMMARIES-Shorelines:Pollution:Summaries  
2301

SUMMARIES-Shorelines:Potassium:Summaries  
2610

SUMMARIES-Shorelines:Pressure:Summaries  
2783

SUMMARIES-Shorelines:Rubidium:Summaries  
2610

SUMMARIES-Shorelines:Salinity:Summaries  
2354, 2420, 2421, 2477, 2481,  
2482, 2483, 2484, 2661, 2769,  
2842, 2907, 2911

SUMMARIES-Shorelines:Sea Level:Summaries  
2354, 2473, 2482, 2483, 2484

SUMMARIES-Shorelines:Sigma t:Summaries  
2907

SUMMARIES-Shorelines:Sodium:Summaries  
2610

SUMMARIES-Shorelines:Sound Propagation:  
Summaries 2310, 2561

SUMMARIES-Shorelines:Storm Surges:Summar-  
ies 2397, 2715

SUMMARIES-Shorelines:Strontium:Summaries  
2610

SUMMARIES-Shorelines:Sulphate:Summaries  
2523

SUMMARIES-Shorelines:Summaries 2096,  
2110, 2243, 2318, 2369, 2441,  
2519, 2625

SUMMARIES-Shorelines:Surf:Summaries 2834

SUMMARIES-Shorelines:Swells:Summaries  
3035

SUMMARIES-Shorelines:Temperature:Summaries  
2333, 2354, 2420, 2485, 2527,  
2582, 2621, 2628, 2769, 2842,  
2907, 2915

SUMMARIES-Shorelines:Thermocline:Summaries  
2527

SUMMARIES-Shorelines:Tidal Currents:Summar-  
ies 2784

SUMMARIES-Shorelines:Tides:Summaries  
2397, 2622

SUMMARIES-Shorelines:Transparency:Summar-  
ies 2463

SUMMARIES-Shorelines:Turbulence:Summaries  
2885

SUMMARIES-Shorelines:Upwelling:Summaries  
2849

SUMMARIES-Storm Surges:Summaries 2552

SUMMARIES-Storm Surges:Tides:Summaries  
2636

SUMMARIES-Straits:Copper:Summaries  
2585

SUMMARIES-Straits:Cruises:Summaries 2373,  
2457, 2482, 2483, 2484, 2485,  
2486

# OCEANOGRAPHY SUBJECT INDEX

## FORM-(Cont.)

SUMMARIES-Straits:EM Currents:Summaries 2238

SUMMARIES-Straits:Fouling:Summaries 3042

SUMMARIES-Straits:Iron:Summaries 2585

SUMMARIES-Straits:Nickel:Summaries 2385

SUMMARIES-Straits:Nutrient:Summaries 2542

SUMMARIES-Straits:Oxygen:Summaries 2309, 2351

SUMMARIES-Straits:Salinity:Summaries 2281, 2309, 2351

SUMMARIES-Straits:Sigma t:Summaries 2309

SUMMARIES-Straits:Sound Propagation:Summaries 2575, 2634, 2662, 2697, 2720, 2785

SUMMARIES-Straits:Summaries 2309, 2314, 2414

SUMMARIES-Straits:Swells:Summaries 2373

SUMMARIES-Straits:Temperature:Summaries 2108, 2175, 2276, 2281, 2309, 2373

SUMMARIES-Straits:Tides:Summaries 2271

SUMMARIES-Straits:Water Masses:Summaries 2444

SUMMARIES-Temperature:Summaries 2451

TABLES-Gulfs:Tides:Tables 2247

TABLES-Harbors:Depth:Tables 2142

YACHTING GUIDES-Gulfs:Yachting Guides 2217

YACHTING GUIDES-Seas:Yachting Guides 2166, 2215, 2217, 2319, 2562, 2599, 2736

YACHTING GUIDES-Shorelines:Yachting Guides 2395

AGENTS-(see next column)

## AGENTS-Aircraft,Averages,Bathyscaphs,etc.

AIRCRAFT-Estuaries:Observations:Aircraft 2165, 2701, 2710

AIRCRAFT-Gulfs:Observations:Aircraft 3040

AIRCRAFT-Observations:Infrared Instruments: Aircraft 2728

AIRCRAFT-Radiation Temperature:Observations:Aircraft 2668

AIRCRAFT-Temperature:Observations:Aircraft 2760, 2888

AVERAGES-Latent Heat:Statistical Studies: Averages 2865

AVERAGES-Sensible Heat:Statistical Studies:Averages 2865

BATHYSCAPHS-Seas:Underwater Exploration: Bathyscaphs 2820

BATHYTHERMOGRAPHS-Gulfs:Observations:Bathymographs 3051

BATHYTHERMOGRAPHS-Observations:Instruments: Bathymographs 2531

BATHYTHERMOGRAPHS-Seas:Observations:Bathymographs 3043

BATHYTHERMOGRAPHS-Temperature:Observations: Bathymographs 2676, 2708, 2750, 2807, 2870, 2878

BATHYTHERMOGRAPHS-Turbulence:Observations: Bathymographs 2679

BOTTLE PAPER-Seas:Drift:Bottle Paper 2250

BUDGETS-Gulfs:Heating:Budgets 2486

BUDGETS-Gulfs:Water Masses:Budgets 2472

BUDGETS-Seas:Heating:Budgets 2541

BUOYS-Buoys:Research Programs 1816

BUOYS(NAFI)-Seas:Observations:Buoys(NAFI) 2773

CURRENT METERS-Currents:Observations:Current Meters 3070

# OCEANOGRAPHY SUBJECT INDEX

## AGENTS-(Cont.)

- |  |   |
|--|---|
| DEMARCATIION LINES-Shorelines:Demarcation<br>Lines 2797                        | GEK INSTRUMENTS-Currents:Observations:GEK<br>Instruments 2276, 2316,<br>2393, 2466, 2733, 2750,<br>2762 |
| DRIFT BOTTLES-Circulation:Observations:<br>Drift Bottles 2545                  | GEK INSTRUMENTS-Upwelling:Observations:GEK<br>Instruments 2419  |
| DRIFT BOTTLES-Currents:Observations:Drift<br>Bottles 2529, 2587, 2606,<br>2837 | GRADIENTS-Oceans:Temperature:Gradients<br>1813  |
| DRIFT BOTTLES-Observations:Drift Bottles:<br>Research Programs 3020            | HEIGHTS-Straits:Sea Level:Heights 2381  |
| DRIFT BOTTLES-Seas:Observations:Drift<br>Bottles 3020                          | HYDROGRAPHS-Storm Surges:Observations:<br>Hydrographs 2887  |
| DRIFT BOTTLES-Shorelines:Circulation:<br>Drift Bottles 2494                    | HYDROPHONES-Sound Propagation:Observations:<br>Hydrophones 2749   |
| DRIFT BOTTLES-Shorelines:Currents:Drift<br>Bottles 2496                        | INFRARED IMAGERS-Gulfs:Observations:Infra-<br>red Imagers 3040  |
| DRIFT BOTTLES-Waves:Observations:Drift<br>Bottles 2850                         | INFRARED INSTRUMENTS-Observations:Infrared<br>Instruments:Aircraft<br>2728                              |
| DRILLING PLATFORMS-Gulfs:Observations:<br>Drilling Platforms 3048              | INFRARED INSTRUMENTS-Temperature:Observa-<br>tions:Infrared Instru-<br>ments 2728                       |
| DRILLING PLATFORMS-Gulfs:Storm Surges:<br>Drilling Platforms 3071              | INSTRUMENTS-Currents:Observations:Instru-<br>ments 2633   |
| DRILLING PLATFORMS-Storm Surges:Damage:<br>Drilling Platforms 2712             | INSTRUMENTS-Gulfs:Observations:Instruments<br>2531  |
| EQUIPMENT-Gulfs:Observations:Equipment<br>2396                                 | INSTRUMENTS-Observations:Instruments<br>2549  |
| EQUIPMENT-Gulfs:Ships:Equipment 2596   | INSTRUMENTS-Observations:Instruments:Bathy-<br>thermographs 2531  |
| EQUIPMENT-Observations:Ships:Equipment<br>2825                                 | INSTRUMENTS-Seas:Observations:Instruments<br>2517   |
| EQUIPMENT-Seas:Equipment:Research Programs<br>2890                             | INSTRUMENTS-Shorelines:Observations:<br>Instruments 2488, 2502  |
| EQUIPMENT-Seas:Ships:Equipment 2604  | INSTRUMENTS-Storm Surges:Engineering:<br>Instruments 2692   |
| EQUIPMENT-Shorelines:Ships:Equipment<br>2596                                   | INSTRUMENTS-Temperature:Observations:<br>Instruments 2705   |
| FIXED STATIONS-Straits:Observations:Fixed<br>Stations 2195                     | INTERFERENCE ANALYZERS-Light Polarization:<br>Observations:Inter-<br>ference Analyzers<br>2371          |
| FLOATING PLATFORMS-Seas:Observations:<br>Floating Platforms 1953               | IONONDES-EM Propagation:Observations:<br>Ionondes 2723  |
| FREQUENCIES-Oil Slicks:Statistical Studies:<br>Frequencies 2450                |   |

# OCEANOGRAPHY SUBJECT INDEX

## AGENTS-(Cont.)

LORAN-Gulfs:Navigation:Loran 2570, 2829,  
3021, 3022

LORAN-Navigation:Loran:Charts 3021,  
3022

LORAN-Seas:Navigation:Loran 2370

MAGNETOMETERS-Geomagnetism:Observations:  
Magnetometers 2745 2916

MARKERS-Shorelines:Navigation:Markers  
2682, 2857

METRIC CAMERAS-Gulfs:Observations:Metric  
Cameras 3040

MICROWAVE RADIOMETERS-Gulfs:Observations:  
Microwave Radiom-  
eters 3040

MOBILE PLATFORMS-Gulfs:Engineering:Mobile  
Platforms 2767

MODELS-Bays:Navigation:Models 2560

MODELS-Circulation:Models 1878

MODELS-Currents:Stability:Models 2758

MODELS-Estuaries:Discharge:Models 2449

MODELS-Harbors:Engineering:Models 2598

MODELS-Straits:Currents:Models 2539

MODELS-Straits:Sound Propagation:Models  
2720

NANSEN BOTTLES-Temperature:Observations:  
Nansen Bottles 2807,  
2870, 2880, 2882, 2884

NETWORKS-Tides:Observations:Networks  
2140

PHOTOMETERS-Particulate Matter:Observe-  
tions:Photometers 2404

POLARIMETERS-Light Polarization:Observe-  
tions:Polarimeters 2371

RADAR-Gulfs:Observations:Radar 2229

RADAR-Seas:Observations:Radar 2225

RADAR-Shorelines:Observations:Radar  
2225

RADIOACTIVE METERS-Carbon Dioxide:Observe-  
tions:Radioactive Meters  
2559

RADIOISOTOPE GENERATORS-Observations:Unman-  
ned Stations:Radi-  
oisotope Genera-  
tors 2824

RADIOISOTOPE GENERATORS-Seas:Unmanned Sta-  
tions:Radioisotope  
2869

RESEARCH FACILITIES-Gulfs:Research Facili-  
ties 2752, 2781,  
2782, 3037

RESEARCH FACILITIES-Seas:Research Facili-  
ties 2525, 2826,  
3010

RESEARCH FACILITIES-Shorelines:Research  
Facilities 2874

SATELLITES-Gulfs:Observations:Satellites  
2809

SATELLITES-Seas:Observations:Satellites  
2809

SHIPS-Gulfs:Navigation:Ships 2116

SHIPS-Gulfs:Observations:Ships 2782,  
2825, 2828

SHIPS-Gulfs:Ships 2868, 3009

SHIPS-Gulfs:Ships:Cable Laying 2685

SHIPS-Gulfs:Ships:Equipment 2546

SHIPS-Observations:Ships:Equipment 2825

SHIPS-Seas:Navigation:Ships 2084, 2085,  
2087

SHIPS-Seas:Ships 3019

SHIPS-Seas:Ships:Equipment 2604

SHIPS-Shorelines:Observations:Ships  
2830

SHIPS-Shorelines:Ships:Equipment 2596

SHORAN-Seas:Navigation:Shoran 2291

SIGNALS-Shorelines:Navigation:Signals  
2443

SPACECRAFT-(see next page)



# OCEANOGRAPHY SUBJECT INDEX

## AGENTL-(Cont.)

SPACECRAFT-Seas:Observations:Spacecraft  
3077

SPACECRAFT-Shorelines:Photography:Space-  
craft 2798

STATIONS-Gulfs:Observations:Stations  
2567

STATIONS-Gulfs:Tide Gages:Stations 2380

STATIONS-Shorelines:Observations:Stations  
2841

STD INSTRUMENTS-Gulfs:Observations:STD  
Instruments 2750

STD INSTRUMENTS-Salinity:Observations:STD  
Instruments 2676

STD INSTRUMENTS-Seas:Observations:STD  
Instruments 2867, 2872

STD INSTRUMENTS(BISSETT-BERMAN)-Gulfs:  
Observations:STD Instru-  
ments(BISSETT-BERMAN)  
2882, 2884

STEP GAGES-Gulfs:Waves:Step gages 0954

STREAM FUNCTIONS-Gulfs:Currents:Stream  
Functions 2733

SUBMARINES-Geomagnetism:Observations:Sub-  
marines 2748

SUBMARINES-Seas:Underwater Recovery:Sub-  
marines 2666, 2718

SUBMERSIBLES(DEEPSTAR)-Gulfs:Underwater  
Exploration:Submersi-  
bles(DEEPSTAR)  
2861

SUBMERSIBLES(DEEPSTAR)-Seas:Underwater  
Exploration:Submersi-  
bles(DEEPSTAR)  
3056

SUBMERSIBLES(DEEPSTAR)-Shorelines:Under-  
water Exploration:  
Submersibles(DEEP-  
STAR) 2911

SUBMERSIBLES(SEALAB)-Seas:Underwater Ex-  
ploration:Submersi-  
bles(SEALAB) 3007

SUBMERSIBLES(TEKTITE)-(see next column)

SUBMERSIBLES(TEKTITE)-Seas:Underwater  
Exploration:Submersibles(TEK-  
TITE) 2901, 3041, 3050,  
3054, 3058, 3059, 3061,  
3062, 3064, 3067, 3068,  
3074, 3075

SUBMERSIBLES(TEKTITE)-Underwater Explora-  
tion:Submersibles(TEKTITE)  
Research Programs 3074

TAUT-WIRE BUOYS-Currents:Observations:Taut-  
Wire Buoys 2766

TAUT-WIRE BUOYS-Tidal Currents:Observations:  
Taut-Wire Buoys 2730

TAUT-WIRE BUOYS-Waves:Observations:Taut-  
Wire Buoys 2766

TEXAS TOWERS-Gulfs:Observations:Texas Tow-  
ers 2350

THERMOCOUPLES-Temperature:Observations:  
Thermocouples 2283

THERMOGRAPHS-Temperature:Observations:  
Thermographs 2677

TIDE GAGES-Gulfs:Tide Gages:Stations  
2380

TIDE GAGES-Sea Level:Observations:Tide  
Gages 2324

TIDE GAGES-Tides:Observations:Tide Gages  
2854

TIDE STATIONS-Density:Observations:Tide  
Stations 2255

TIDE STATIONS-Temperature:Observations:  
Tide Stations 2242, 2333

TOWED THERMISTORS-Temperature:Observations:  
Towed Thermistors  
2671

TRACKS-Gulfs:Cruises:Tracks 2880, 2881,  
2882, 2883

TRACKS-Seas:Cruises:Tracks 2576, 2586,  
2629, 2652, 2656, 2657, 2717, 2729,  
2813

TRANSDUCERS-Seas:Observations:Transducers  
2717

TRANSDUCERS-Shorelines:Soundings:Transduc-  
ers 2460

# OCEANOGRAPHY SUBJECT INDEX

## AGENTS--(Cont.)

UNMANNED STATIONS-Gulfs:Observations:  
Unmanned Stations 2549

UNMANNED STATIONS-Observations:Unmanned  
Stations 2455

UNMANNED STATIONS-Observations:Unmanned  
Stations:Radioisotope  
Generators 2824

UNMANNED STATIONS-Seas:Unmanned Stations:  
Radioisotope Generators 2869

UNMANNED STATIONS-Shorelines:Observations:  
Unmanned Stations 2824, 2888

UNMANNED STATIONS(NOMAD)-Gulfs:Observa-  
tions:Unmanned Stations  
(NOMAD) 2568, 2595,  
2646, 2866

UNMANNED STATIONS(NOMAD)-Observations:  
Unmanned Stations(NOMAD)  
1664, 2595

UNMANNED SUBMERSIBLES(SORD)-Gulfs:Under-  
water Recovery:Unmanned  
Submersibles(SORD)  
2836

VELOCIMETERS(NBS)-Sound Propagation:Observa-  
tions:Velocimeters(NBS)  
2551

WAVE FORCE METERS-Storm Surges:Observa-  
tions:Wave Force Meters  
2323

WAVE TRIPPERS-Storm Surges:Engineering:  
Wave Trippers 2558

## OPERATIONS-Activation Analysis, Analysis, etc.

ACTIVATION ANALYSIS-Gulfs:Manganese:Activa-  
tion Analysis 2526

ACTIVATION ANALYSIS-Gulfs:Zinc:Activation  
Analysis 2526

ANALYSIS-Bays:Red Tide:Analysis 2499

ANALYSIS--(see next column)

ANALYSIS-Bays:Salinity:Analysis 2477

ANALYSIS-Bays:Tides:Analysis 2477

ANALYSIS-Estuaries:Pollution:Analysis  
2693

ANALYSIS-Estuaries:Silica:Analysis 2389

ANALYSIS-Gulfs:Isohalinity:Analysis  
2478

ANALYSIS-Gulfs:Storm Surges:Analysis  
1083, 2516

ANALYSIS-Gulfs:Structure:Analysis 2123,  
2698

ANALYSIS-Gulfs:Tides:Analysis 2127,  
2163, 2659

ANALYSIS-Gulfs:Upwelling:Analysis 2262,  
2263, 2478

ANALYSIS-Harbors:Salinity:Analysis 2477

ANALYSIS-Harbors:Tides:Analysis 2477

ANALYSIS-Oceans:Storm Surges:Analysis  
2382

ANALYSIS-Seas:Potential Temperature:Analy-  
sis 2491

ANALYSIS-Seas:Salinity:Analysis 2491

ANALYSIS-Seas:Sea Blooms:Analysis 2428

ANALYSIS-Seas:Stagnant Pools:Analysis  
2384

ANALYSIS-Seas:Temperature:Analysis 1862,  
1863

ANALYSIS-Seas:Upwelling:Analysis 2547,  
2618

ANALYSIS-Shorelines:Sound Propagation:Anal-  
ysis 2481

ANALYSIS-Shorelines:Stability Shear Stress:  
Analysis 2465

ANALYSIS-Shorelines:Storm Surges:Analysis  
2424, 2425

ANALYSIS-Shorelines:Upwelling:Analysis  
2671

ANALYSIS-Straits:Currents:Analysis 2168

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

ANALYSIS-Straits:Temperature:Analysis  
2180

CABLE LAYING-Gulfs:Ships:Cable Laying  
2685

CHEMICAL ANALYSIS-Bays:Chemical Analysis  
2146

CHEMICAL ANALYSIS-Estuaries:Observations:  
Chemical Analysis  
2602

CHEMICAL ANALYSIS-Gulfs:Chemical Analysis  
2146

CHEMICAL ANALYSIS-Gulfs:Copper:Chemical  
Analysis 2775

CHEMICAL ANALYSIS-Gulfs:Fresh Water:Chem-  
ical Analysis 2161

CHEMICAL ANALYSIS-Gulfs:Observations:Chem-  
ical Analysis 2305

CHEMICAL ANALYSIS-Gulfs:Phosphate:Chemical  
Analysis 2908

CHEMICAL ANALYSIS-Observations:Chemical  
Analysis 2390

CHEMICAL ANALYSIS-Seas:Chemical Analysis  
2196, 2565

CHEMICAL ANALYSIS-Seas:Observations:Chem-  
ical Analysis 2437,  
2623

CHEMICAL ANALYSIS-Shorelines:Nitrate:Chem-  
ical Analysis 2522

CHEMICAL ANALYSIS-Straits:Chemical Analy-  
sis 2146

CHROMATOGRAPHY-Amino Acid:Observations:  
Chromatography 2518

CLASSIFICATION-Gulfs:Shorelines:Classifi-  
cation 2269

CLASSIFICATION-Gulfs:Water Masses:Classi-  
fication 2508

CLASSIFICATION-Harbors:Water Masses:Clas-  
sification 2282

CLASSIFICATION-Shorelines:Classification  
2292

COMPUTATION-Bays:Storm Surges:Computation  
2912

COMPUTATION-Bays:Tides:Computation 2912

COMPUTATION-Currents:Reynolds' Stress:Comp-  
utation 2534

COMPUTATION-Gulfs:Radiation Temperature:  
Computation 2613

COMPUTATION-Gulfs:Storm Surges:Computation  
2154, 2157, 2630

COMPUTATION-Oceans:Sound Propagation:Compu-  
tation 2232

COMPUTATION-Seas:Currents:Computation  
3066

COMPUTATION-Seas:Density:Computation  
2418

COMPUTATION-Seas:Potential Temperature:  
Computation 2413

COMPUTATION-Seas:Stability:Computation  
2577

COMPUTATION-Shorelines:Storm Surges:Compu-  
tation 2553

CRUISES-Bays:Cruises:Summaries 2818

CRUISES-Cruises 2447

CRUISES-Estuaries:Cruises:Summaries  
2377, 2709

CRUISES-Gulfs:Cruises 2120

CRUISES-Gulfs:Cruises:Research Programs  
2863, 2902

CRUISES-Gulfs:Cruises:Summaries 2257,  
2272, 2296, 2330, 2368, 2377,  
2387, 2395, 2430, 2453, 2457,  
2474, 2480, 2501, 2510, 2531,  
2597, 2612, 2613, 2619, 2626,  
2655, 2688, 2698, 2708, 2729,  
2737, 2750, 2757, 2762, 2807,  
2837, 2851, 2856, 2880, 2881,  
2882, 2883, 2884, 2896, 2908,  
3038, 3060

CRUISES-Gulfs:Cruises:Tracks 2880, 2881,  
2882, 2883

CRUISES-Oceans:Cruises:Summaries 2446,  
2458, 2521, 2535, 2687

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

CRUISES-Seas:Cruises:Indexes 2838

CRUISES-Seas:Cruises:Research Programs  
2902

CRUISES-Seas:Cruises:Summaries 2433,  
2436, 2449, 2448, 2453, 2456,  
2458, 2479, 2532, 2535, 2538,  
2571, 2572, 2612, 2613, 2631,  
2655, 2658, 2661, 2702, 2704,  
2709, 2816, 2817, 2819, 2839,  
2851, 2872, 2916, 2925, 3052.

CRUISES-Seas:Cruises:Tracks 2578, 2588,  
2629, 2652, 2656, 2657, 2717,  
2729, 2813

CRUISES-Seas:Sampling:Cruises 2841

CRUISES-Shorelines:Cruises:Summaries  
2420, 2413, 2514, 2515, 2530,  
2603, 2676, 2769, 2784, 2870,  
2885, 2907

CRUISES-Straits:Cruises:Research Programs  
2343

CRUISES-Straits:Cruises:Summaries 2373,  
2457, 2482, 2513, 2514, 2515,  
2529

## DIVISION OF CRUISES BY SHIP NAMES

A.A. JAEKULA 2306, 2359, 2368, 2372,  
2377, 2508

AKADEMIK A. KOVALEVSKII 2655

ALAMOG 2604, 2635, 2688, 2698,  
2733, 2737, 2851, 2863,  
2880, 2881, 2882, 2883,  
2896

ALASKA 2251, 2257, 2272, 2330, 2395,  
2508

ALBATROSS 2133

ALUMINAUT 2666, 2718

ANTILLA 2503, 2688

ATLANTIS 2193, 2213, 2404, 2418,  
2446, 2538, 2687, 2703,  
2717

ATLANTIS II 2578

BACHE 2151

BAFFIN 2916

BEAR 2717

BLAKE 2133

CHAIN 2446, 2447, 2458, 2535, 2588,  
2629, 2631, 2652, 2656, 2657,  
2658, 2702, 2729, 2813, 2817,  
2839

CHALLENGER 2133, 2418

## DIVISION OF CRUISES BY SHIP NAME-(Cont.)

COBURG 2326

CRAWFORD 2433, 2446, 2577, 2703  
2705

DEEPSTAR 3056

DEEPSTAR III 2911

DISCOVERY II 2446

DROGUE 2688

ELISHA KANE 2902

ELSIE FENIMORE 2463

EXPLORER 2459, 2529

EYLAU 2116

GERDA 2457, 2482, 2513, 2514, 2515

GERONIMO 2708, 2709, 2807, 2828,  
2856, 3038, 3052

GREEN SEAS 2513, 2514, 2515

GUAIQUAURI 2628, 3019

GUS III 2626

HIDALGO 2453, 2461, 2480, 2510, 2530,  
2532

HOIST 2784

HUDSON 2661, 2872

KOVALIESKY 2601

LA BRILLANTE 2101

LÉTAGE 2136

MABEL TAYLOR 2183

MIKHAIL LOMONOSOV 2521, 2925

MT. MITCHELL 2830, 3009

OCEAN EAGLE 3069

PALINURUS 2133

PANDA 2482

PEGGY G 2685

PEIRCE 2596

PIONERO 3019

PREVAIL 2603

REQUISITE 2572

RESEARCHER 2825, 2868

RIDGELY WARFIELD 2875

SAN PEBLO 2571

THEODORE N. GILL 2343, 2373

UNDAUNTED 2828

UNITAS VIII 2870

VAUDREUIL 2120

VICTORIA 3019

VIRAZON 2688

WHITING 2596

WRANGLER 2782

DATA PROCESSING-Gulfs:Observations:Data  
Processing 1647, 2764

DESALINATION-Gulfs:Desalination 2914

DESALINATION-Gulfs:Desalination:Economic  
Analysis 2483

DESCRIPTIONS-Seas:Currents:Descriptions  
0073

Best Available Copy

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

DESCRIPTIONS-Seas:Descriptions 0089

DESCRIPTIONS-Seas:Storm Surges:Descriptions 0557

DESCRIPTIONS-Seas:Waves:Descriptions 0557

DREDGING-Canals:Shoaling:Dredging 2573

DYNAMIC ANALYSIS-Gulfs:Currents:Dynamic Analysis 2365

DYNAMIC ANALYSIS-Gulfs:Upwelling:Dynamic Analysis 2365, 2763

DYNAMIC ANALYSIS-Seas:Currents:Dynamic Analysis 2194

DYNAMIC ANALYSIS-Straits:Currents:Dynamic Analysis 2339

ECOLOGICAL ANALYSIS-Bays:Salinity:Ecological Analysis 2000

ECONOMIC ANALYSIS-Gulfs:Desalination:Economic Analysis 2483

ENGINEERING-Bays:Engineering:Design Data 2560

ENGINEERING-Bays:Engineering:Pipelines 2240

ENGINEERING-Canals:Engineering:Design Data 2627, 2649

ENGINEERING-Channels:Navigation:Engineering 2574

ENGINEERING-Flooding:Engineering:Design Data 2771

ENGINEERING-Gulfs:Engineering:Jetties 2135

ENGINEERING-Gulfs:Engineering:Mobile Platforms 2767

ENGINEERING-Gulfs:Engineering:Pipeline Repair 2751

ENGINEERING-Gulfs:Storm Surges:Engineering 2410, 2543

ENGINEERING-Gulfs:Waves:Engineering 2110

ENGINEERING-(see next column)

ENGINEERING-Harbors:Engineering:Models 2598

ENGINEERING-Rivers:Engineering:Design Data 2460

ENGINEERING-Seas:Depth:Engineering 2600

ENGINEERING-Seas:Engineering:Submarine Pens 2600

ENGINEERING-Seas:Storm Surges:Engineering 2391, 2754

ENGINEERING-Shorelines:Engineering:Breakwaters 2266

ENGINEERING-Shorelines:Engineering:Conferences 2245

ENGINEERING-Shorelines:Engineering:Pipelines 2815

ENGINEERING-Shorelines:Flooding:Engineering 2492

ENGINEERING-Shorelines:Storm Surges:Engineering 2558, 2692, 2715

ENGINEERING-Storm Surges:Engineering:Design Data 2391, 2410, 2543, 2692, 2715

ENGINEERING-Storm Surges:Engineering:Instruments 2692

ENGINEERING-Storm Surges:Engineering:Pipeline Protection 2754

ENGINEERING-Storm Surges:Engineering:Wave Trippers 2558

ENGINEERING-Storm Surges:Flooding:Engineering 2770, 2771

ENGINEERING-Water Masses:Transport:Engineering 2759

ENGINEERING-Waves:Engineering:Pile Loading 2516

EVALUATION-Gulfs:Observations:Evaluation 2646

FORECASTING-Gulfs:Eddy Diffusion:Forecasting 2467

FORECASTING-Gulfs:Storm Surges:Forecasting 2396, 2889

FORECASTING-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

FORECASTING-Gulfs:Tides:Forecasting  
2673

FORECASTING-Gulfs:Waves:Forecasting  
2234, 2236, 2344, 2392, 2490,  
2576

FORECASTING-Oceans:Storm Surges:Forecast-  
ing 0913, 2487

FORECASTING-Oceans:Waves:Forecasting  
2455

FORECASTING-Seas:Storm Surges:Forecasting  
2356

FORECASTING-Seas:Temperature:Forecasting  
2413

FORECASTING-Seas:Waves:Forecasting 2338,  
2506

FORECASTING-Shorelines:Salinity:Forecast-  
ing 2564

FORECASTING-Shorelines:Storm Surges:Fore-  
casting 2376, 2537, 2576,  
2593

FORECASTING-Shorelines:Tides:Forecasting  
2376

FORECASTING-Storm Surges:Waves:Forecasting  
2714

HARMONIC ANALYSIS-Shorelines:Tidal Cur-  
rents:Harmonic Analysis  
2730

HYDRODYNAMIC ANALYSIS-Gulfs:Currents:Hydro-  
dynamic Analysis  
2659

HYDRODYNAMIC ANALYSIS-Shorelines:Storm  
Surges:Hydrodynamic  
Analysis 2715

KINEMATIC ANALYSIS-Seas:Sound Propagation  
Kinematic Analysis  
2749

LABORATORY METHODS-Harbors:Laboratory  
Methods 2337

NANSEN CASTS-Temperature:Observations:Nan-  
sen Casts 2750

NAVIGATION-Bays:Navigation:Models 2560

NAVIGATION-Channels:Navigation:Charts  
2070

NAVIGATION-Channels:Navigation:Engineering  
2574

NAVIGATION-Gulfs:Navigation:Charts 2071,  
2073, 2095, 2117, 2124, 2125,  
2128, 2145, 2148, 2241

NAVIGATION-Gulfs:Navigation:Loran 2570,  
2829, 3021, 3022

NAVIGATION-Gulfs:Navigation:Manuals  
2100

NAVIGATION-Gulfs:Navigation:Ships 2116

NAVIGATION-Gulfs:Navigation:Summaries  
2149

NAVIGATION-Harbors:Navigation:Charts  
2898, 2906

NAVIGATION-Navigation:Loran:Charts 3021,  
3022

NAVIGATION-Navigation:Storm Avoidance  
0017

NAVIGATION-Seas:Navigation:Aviation  
2209

NAVIGATION-Seas:Navigation:Charts 2068,  
2069, 2072, 2073, 2092, 2117,  
2124, 2145, 2148

NAVIGATION-Seas:Navigation:Education  
2068

NAVIGATION-Seas:Navigation:Loran 2370

NAVIGATION-Seas:Navigation:Manuals 2100

NAVIGATION-Seas:Navigation:Maps 2218

NAVIGATION-Seas:Navigation:Ship Protection  
1783

NAVIGATION-Seas:Navigation:Ships 2084,  
2085, 2087

NAVIGATION-Seas:Navigation:Shoran 2291

NAVIGATION-Shorelines:Navigation:Manuals  
2682

NAVIGATION-Shorelines:Navigation:Maps  
2235

NAVIGATION-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

NAVIGATION-Shorelines:Navigation:Markers  
2682, 2857

NAVIGATION-Shorelines:Navigation:Signals  
2443

OBSERVATIONS-Amino Acid:Observations:Chrom-  
atography 2518

OBSERVATIONS-Bays:Currents:Observations  
2555

OBSERVATIONS-Carbon Dioxide:Observations:  
Radioactive Meters 2559

OBSERVATIONS-Circulation:Observations:  
Drift Bottles 2545

OBSERVATIONS-Currents:Observations:Current  
Meters 3070

OBSERVATIONS-Currents:Observations:Drift  
Bottles 2529, 2587, 2606,  
2837

OBSERVATIONS-Currents:Observations:GEK  
Instruments 2276, 2316,  
2393, 2466, 2733, 2750, 2762

OBSERVATIONS-Currents:Observations:Instru-  
ments 2633

OBSERVATIONS-Currents:Observations:Photo-  
grammetry 2555

OBSERVATIONS-Currents:Observations:Ship  
Reports 2136

OBSERVATIONS-Currents:Observations:Taut-  
Wire Buoys 2766

OBSERVATIONS-Density:Observations:Tide Sta-  
tions 2255

OBSERVATIONS-EM Propagation:Observations:  
Ionondes 2723

OBSERVATIONS-Estuaries:Discharge:Observa-  
tions 2701

OBSERVATIONS-Estuaries:Observations:Air-  
craft 2165, 2701, 2710

OBSERVATIONS-Estuaries:Observations:Chemi-  
cal Analysis 2602

OBSERVATIONS-Estuaries:Observations:Re-  
search Programs 2710

OBSERVATIONS-Estuaries:Tides:Observations  
2854

OBSERVATIONS-Geomagnetism:Observations:  
Magnetometers 2748, 2916

OBSERVATIONS-Geomagnetism:Observations:  
Submarines 2748

OBSERVATIONS-Gulfs:Amino Acid:Observations  
2518

OBSERVATIONS-Gulfs:Carbon Dioxide:Observa-  
tions 2559

OBSERVATIONS-Gulfs:Currents:Observations  
2129, 2131, 2633, 2733, 2750,  
2762, 2766, 2837

OBSERVATIONS-Gulfs:EM Propagation:Observa-  
tions 2723

OBSERVATIONS-Gulfs:Lithium:Observations  
2650

OBSERVATIONS-Gulfs:Observations 2102,  
2151, 2176

OBSERVATIONS-Gulfs:Observations:Aircraft  
3040

OBSERVATIONS-Gulfs:Observations:Bathytherm-  
ographs 3051

OBSERVATIONS-Gulfs:Observations:Chemical  
Analysis 2305

OBSERVATIONS-Gulfs:Observations:Data Pro-  
cessing 1647, 2764

OBSERVATIONS-Gulfs:Observations:Drilling  
Platforms 3048

OBSERVATIONS-Gulfs:Observations:Equipment  
2396

OBSERVATIONS-Gulfs:Observations:Evaluation  
2646

OBSERVATIONS-Gulfs:Observations:Infrared  
Imagers 3040

OBSERVATIONS-Gulfs:Observations:Instruments  
2531

OBSERVATIONS-Gulfs:Observations:Metric  
Cameras 3040

OBSERVATIONS-Gulfs:Observations:Microwave  
Radiometers 3040

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Gulfs:Observations:Radar 2229	OBSERVATIONS-Gulfs:Tides:Observations 0599, 2098, 2140
OBSERVATIONS-Gulfs:Observations:Research Programs 2706, 3065	OBSERVATIONS-Gulfs:Waves:Observations 0959, 2041, 2311, 2372, 2766, 2850
OBSERVATIONS-Gulfs:Observations:Satellites 2809	OBSERVATIONS-Gulf Stream Front:Observations 2275
OBSERVATIONS-Gulfs:Observations:Ships 2782, 2825, 2828	OBSERVATIONS-Light Polarization:Observa- tions:Interference Analyzers 2371
OBSERVATIONS-Gulfs:Observations:Ship Reports 2183	OBSERVATIONS-Light Polarization:Observa- tions:Polarimeters 2371
OBSERVATIONS-Gulfs:Observations:Stations 2567	OBSERVATIONS-Lithium:Observations:Spectrom- etry 2650
OBSERVATIONS-Gulfs:Observations:Statistical Analysis 2716	OBSERVATIONS-Observations:Chemical Analy- sis 2390
OBSERVATIONS-Gulfs:Observations:STD Instru- ments 2750, 2881	OBSERVATIONS-Observations:Drift Bottles: Research Programs 3020
OBSERVATIONS-Gulfs:Observations:STD Instru- ments(BISSET-BERMAN) 2882, 2884	OBSERVATIONS-Observations:Infrared Instru- ments:Aircraft 2728
OBSERVATIONS-Gulfs:Observations:Surveys 2582	OBSERVATIONS-Observations:Instruments 2549
OBSERVATIONS-Gulfs:Observations:Texas Towers 2350	OBSERVATIONS-Observations:Instruments: Bathythermographs 2531
OBSERVATIONS-Gulfs:Observations:Unmanned Stations 2549	OBSERVATIONS-Observations:Research Pro- grams 2627
OBSERVATIONS-Gulfs:Observations:Unmanned STATIONS(NOMAD) 2568, 2595, 2646, 2866	OBSERVATIONS-Observations:Ship Reports 2368
OBSERVATIONS-Gulfs:Radiation Temperature: Observations 2668	OBSERVATIONS-Observations:Ships:Equipment 2825
OBSERVATIONS-Gulfs:Salinity:Observations 2152	OBSERVATIONS-Observations:Unmanned Stations 2455
OBSERVATIONS-Gulfs:Sea Level:Observations 2129, 2192	OBSERVATIONS-Observations:Unmanned Sta- tions:Radioisotope Generators 2824
OBSERVATIONS-Gulfs:Storm Surges:Observa- tions 2328	OBSERVATIONS-Observations:Unmanned Stations (NOMAD) 1664, 2595
OBSERVATIONS-Gulfs:Temperature:Observations 2132, 2283, 2359, 2708, 2728, 2750, 2760, 2807, 2880, 2882, 2884	OBSERVATIONS-Particulate Matter:Observa- tions:Photometers 2404
OBSERVATIONS-(see next column)	OBSERVATIONS-Radiation Temperature:Obser- vations:Aircraft 2668
	OBSERVATIONS-(see next page)



# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Salinity:Observations:STD  
Instruments 2676

OBSERVATIONS-Sea Level:Observations:Tide  
Gages 2324

OBSERVATIONS-Seas:Currents:Observations  
1953, 2136, 2316

OBSERVATIONS-Seas:Geomagnetism:Observa-  
tions 2916

OBSERVATIONS-Seas:Light Polarization:Obser-  
vations 2371

OBSERVATIONS-Seas:Observations 1822,  
2151

OBSERVATIONS-Seas:Observations:Bathyther-  
mographs 3043

OBSERVATIONS-Seas:Observations:Buoys(NAFI)  
2773

OBSERVATIONS-Seas:Observations:Chemical  
Analysis 2437, 2623

OBSERVATIONS-Seas:Observations:Drift Bot-  
tles 3020

OBSERVATIONS-Seas:Observations:Fishing  
2211

OBSERVATIONS-Seas:Observations:Floating  
Platforms 1953

OBSERVATIONS-Seas:Observations:Instruments  
2517

OBSERVATIONS-Seas:Observations:Radar  
2225

OBSERVATIONS-Seas:Observations:Satellites  
2899

OBSERVATIONS-Seas:Observations:Ship  
Reports 2193, 2213

OBSERVATIONS-Seas:Observations:Spacecraft  
3077

OBSERVATIONS-Seas:Observations:STD Instru-  
ments 2867, 2872

OBSERVATIONS-Seas:Observations:Transducers  
2717

OBSERVATIONS-Seas:Particulate Matter:Ob-  
servations 2645

OBSERVATIONS-Seas:Sea Level:Observations  
2194

OBSERVATIONS-Seas:Sound Propagation:Obser-  
vations 2551, 2749

OBSERVATIONS-Seas:Storm Surges:Observa-  
tions 0542, 0822

OBSERVATIONS-Seas:Temperature:Observations  
0145, 0960, 1082, 1949,  
2677, 2705, 2878, 2887

OBSERVATIONS-Seas:Turbulence:Observations  
2679

OBSERVATIONS-Shorelines:Circulation:Obser-  
vations 2545

OBSERVATIONS-Shorelines:Currents:Observa-  
tions 2197, 2509, 2587,  
2606, 3070

OBSERVATIONS-Shorelines:Geomagnetism:Obser-  
vations 2748

OBSERVATIONS-Shorelines:Observations  
2105, 2106, 2223

OBSERVATIONS-Shorelines:Observations:  
Instruments 2488, 2502

OBSERVATIONS-Shorelines:Observations:Pho-  
tometry 2610

OBSERVATIONS-Shorelines:Observations:  
Radar 2225

OBSERVATIONS-Shorelines:Observations:  
Research Programs 2903

OBSERVATIONS-Shorelines:Observations:Ship  
Reports 2101

OBSERVATIONS-Shorelines:Observations:Ships  
2830

OBSERVATIONS-Shorelines:Observations:Sta-  
tions 2841

OBSERVATIONS-Shorelines:Observations:Titra-  
tion 2523

OBSERVATIONS-Shorelines:Observations:Unman-  
ned Stations 2624, 2888

OBSERVATIONS-Shorelines:Salinity:Observa-  
tions 2676

OBSERVATIONS-Shorelines:Temperature:Obser-  
vations 2676, 2876

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

OBSERVATIONS-Sound Propagation:Observations:Hydrophones 2749

OBSERVATIONS-Sound Propagation:Observations:Velocimeters(NBS) 2551

OBSERVATIONS-Storm Surges:Observations:Hydrographs 2887

OBSERVATIONS-Storm Surges:Observations:Wave Force Meters 2328

OBSERVATIONS-Storm Surges:Waves:Observations 1551

OBSERVATIONS-Straits:Currents:Observations 2131, 2393, 2466, 2529

OBSERVATIONS-Straits:Magnetism:Observations 2172

OBSERVATIONS-Straits:Observations:Fixed Stations 2195

OBSERVATIONS-Straits:Sea Level:Observations 2214

OBSERVATIONS-Temperature:Observations:Aircraft 2760, 2888

OBSERVATIONS-Temperature:Observations:Bathymographs 2359, 2676, 2708, 2750, 2807, 2870, 2878

OBSERVATIONS-Temperature:Observations:Infrared Instruments 2728

OBSERVATIONS-Temperature:Observations:Instruments 2705

OBSERVATIONS-Temperature:Observations:Nansen Bottles 2807, 2870, 2880, 2882, 2884

OBSERVATIONS-Temperature:Observations:Nansen Casts 2750

OBSERVATIONS-Temperature:Observations:Radiocarbon Dating 2827

OBSERVATIONS-Temperature:Observations:Thermocouples 2883

OBSERVATIONS-Temperature:Observations:Thermographs 2677

OBSERVATIONS-(see next column)

OBSERVATIONS-Temperature:Observations:Tide Stations 2242

OBSERVATIONS-Temperature:Observations:Towed Thermistors 2661

OBSERVATIONS-Tidal Currents:Observations:Taut-Wire Buoys 2730

OBSERVATIONS-Tides:Observations:Networks 2140

OBSERVATIONS-Tides:Observations:Tide Gages 2854

OBSERVATIONS-Turbulence:Observations:Bathymographs 2679

OBSERVATIONS-Upwelling:Observations:GEK Instruments 2419

OBSERVATIONS-Waves:Observations 2372

OBSERVATIONS-Waves:Observations:Drift Bottles 2850

OBSERVATIONS-Waves:Observations:Taut-wire Buoys 2766

## DIVISION OF OBSERVATIONS BY PROJECT NAMES

BOMEX 3055

FREEPORT HURRICANE FLOOD PROTECTION 2770

HARSAP 2898, 2906, 3028

JOIDES 2681

MIMI 2785

NATIONAL HURRICANE RESEARCH PROJECT 2505

NEPTUNE 2597

PORT ARTHUR HURRICANE FLOOD PROTECTION 2770

SPACECRAFT OCEANOGRAPHY 2710

SPACE OCEANOGRAPHY 2701

STRAIT JACKET 2695

PHOTOGRAMMETRY-Currents:Observations:Photogrammetry 2559

PHOTOGRAPHY-Gulfs:Underwater Exploration:Photography 2909

PHOTOGRAPHY-Shorelines:Photography:Spacecraft 2798

PHOTOMETRY-Shorelines:Observations:Photometry 2610

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

PRODUCTION-Gulfs:Bromine:Production  
2684

RADIOCARBON DATING-Temperature:Observa-  
tions:Radiocarbon Dat-  
ing 2327

RADIOGRAPHY-Gulfs:Pipeline Repair:Radi-  
ography 2876

SAMPLING-Seas:Sampling:Cruises 2841

SHIP AVOIDANCE-Seas:Storm Surges:Ship  
Avoidance 0083

SHIP PROTECTION-Seas:Navigation:Ship Pro-  
tection 1783

SHIP PROTECTION-Seas:Storm Surges:Ship  
Protection 2274, 2326

SOUNDINGS-Harbors:Sounding  
0002

SOUNDINGS-Shorelines:SOUNDINGS:Transducers  
2452

SPECTRAL ANALYSIS-Bays:Transparency:Spec-  
tral Analysis 2921

SPECTRAL ANALYSIS-Shorelines:Pressure:  
Spectral Analysis  
2711

SPECTRAL ANALYSIS-Shorelines:Tidal Cur-  
rents:Spectral Analysis  
2730

SPECTRAL ANALYSIS-Shorelines:Waves:Spec-  
tral Analysis 2497,  
2544, 2667, 2722

SPECTRAL ANALYSIS-Storm Surges:Waves:  
Spectral Analysis  
2714

SPECTROMETRY-Lithium:Observations:Spec-  
trometry 2650

STATISTICAL ANALYSIS-Estuaries:Salinity:  
Statistical Analysis  
2579

STATISTICAL ANALYSIS-Gulfs:Observations:  
Statistical Analysis  
2716

STATISTICAL ANALYSIS-(see next column)

STATISTICAL ANALYSIS-Shorelines:Waves:Sta-  
tistical Analysis  
2722

STATISTICAL STUDIES-Gulfs:Circulation:Sta-  
tistical Studies  
2500

STATISTICAL STUDIES-Gulfs:Currents:Statis-  
tical Studies 0634

STATISTICAL STUDIES-Gulfs:Sensible Heat:  
Statistical Studies  
2865

STATISTICAL STUDIES-Gulfs:Storm Surges:Sta-  
tistical studies  
2383, 2416

STATISTICAL STUDIES-Gulfs:Temperature:Sta-  
tistical Studies  
2253

STATISTICAL STUDIES-Gulfs:Waves:Statistical  
Studies 2388, 2416

STATISTICAL STUDIES-Harbors:Oil Slicks:Sta-  
tistical Studies  
2450

STATISTICAL STUDIES-Latent Heat:Statistical  
Studies:Averages  
2865

STATISTICAL STUDIES-Oceans:Temperature:Sta-  
tistical Studies  
0285

STATISTICAL STUDIES-Oil Slicks:Statistical  
Studies:Frequencies  
2450

STATISTICAL STUDIES-Rivers:Temperature:Sta-  
tistical Studies  
2206

STATISTICAL STUDIES-Seas:Latent Heat:Sta-  
tistical Studies  
2865

STATISTICAL STUDIES-Seas:Salinity:Statisti-  
cal Studies 2644

STATISTICAL STUDIES-Seas:Temperature:Sta-  
tistical Studies  
1393, 2644, 2695

STATISTICAL STUDIES-Sensible Heat:Statisti-  
cal Studies:Averages  
2865

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

STATISTICAL STUDIES-Shorelines:Currents:  
Statistical Studies 2583

STATISTICAL STUDIES-Shorelines:Surf:Statistical Studies 2403

STATISTICAL STUDIES-Shorelines:Waves:Statistical Studies 2403

STORM AVOIDANCE-Navigation:Storm Avoidance 0017

SURVEYS-Gulfs:Observations:Surveys 2582

SYNOPTIC ANALYSIS-Gulfs:Salinity:Synoptic Analysis 2357

SYNOPTIC ANALYSIS-Seas:Temperature:Synoptic Analysis 2504

SYNOPTIC ANALYSIS-Shorelines:Currents:Synoptic Analysis 2857

THERMAL ANALYSIS-Oceans:Structure:Thermal Analysis 2232

THERMODYNAMIC ANALYSIS-Seas:Circulation:Thermodynamic Analysis 2524

TITRATION-Shorelines:Observations:Titration 2523

UNDERWATER EXPLORATION-Gulfs:Mid-Depth:Underwater Exploration 2768

UNDERWATER EXPLORATION-Gulfs:Underwater Exploration:Education 3031

UNDERWATER EXPLORATION-Gulfs:Underwater Exploration:Photography 2909

UNDERWATER EXPLORATION-Gulfs:Underwater Exploration:Submersibles(DEEPSTAR) 2861

UNDERWATER EXPLORATION-Seas:Underwater Exploration:Bathyscaphs 2820

UNDERWATER EXPLORATION--(see next column)

UNDERWATER EXPLORATION-Seas:Underwater Exploration:Research Programs 2702, 2877

UNDERWATER EXPLORATION-Seas:Underwater Exploration:Submersibles(DEEPSTAR) 3056

UNDERWATER EXPLORATION-Seas:Underwater Exploration:Submersibles(SEALAB) 3067

UNDERWATER EXPLORATION-Seas:Underwater Exploration:Submersibles(TEKTITE) 2901, 3041, 3050, 3054, 3058, 3059, 3061, 3062, 3064, 3067, 3068, 3074, 3075

UNDERWATER EXPLORATION-Shorelines:Underwater Exploration:Research Programs 2498

UNDERWATER EXPLORATION-Shorelines:Underwater Exploration:Submersibles(DEEPSTAR) 2911

UNDERWATER EXPLORATION-Straits:Underwater Exploration 2434

UNDERWATER EXPLORATION-Underwater Exploration:Submersibles(TEKTITE):Research Programs 3074

UNDERWATER RECOVERY-Gulfs:Underwater Recovery:Unmanned Submersibles(SORD) 2836

UNDERWATER RECOVERY-Seas:Depth:Underwater Recovery 2718

UNDERWATER RECOVERY-Seas:Underwater Recovery:Submarines 2666, 2718

WASTE DISPOSAL-Gulfs:Radioactivity:Waste Disposal 2435, 2479

WASTE DISPOSAL-Oceans:Radioactivity:Waste Disposal 2435

WASTE DISPOSAL-Radioactivity:Waste Disposal:Legislation 2479

# OCEANOGRAPHY SUBJECT INDEX

## OPERATIONS-(Cont.)

WASTE DISPOSAL-Shorelines:Radioactivity:  
Waste Disposal 2435

## PROCESSES-Backscattering,Biofouling,etc.

BACKSCATTERING-Gulfs:EM Propagation:Back-  
scattering 2723

BIOFOULING-Bays:Biofouling:Summaries  
2818

CIRCULATION-Bays:Circulation:Summaries  
2278

CIRCULATION-Circulation:Models 1878

CIRCULATION-Circulation:Observations:  
Drift Bottles 2545

CIRCULATION-Estuaries:Circulation:Sum-  
maries 2609

CIRCULATION-Gulfs:Circulation:Sediments  
2423

CIRCULATION-Gulfs:Circulation:Statistical  
Studies 2500

CIRCULATION-Gulfs:Circulation:Summaries  
2135, 2357, 2708

CIRCULATION-Gulfs:Depth:Circulation  
2473, 2500

CIRCULATION-Seas:Circulation:Summaries  
2608

CIRCULATION-Seas:Circulation:Thermodynamic  
Analysis 2524

CIRCULATION-Seas:Depth:Circulation 2484

CIRCULATION-Shorelines:Circulation:Drift  
Bottles 2494

CIRCULATION-Shorelines:Circulation:Observa-  
tions 2545

CONVECTION-Seas:Convection:Summaries  
3033

CONVECTION-Seas:Depth:Convection 3033

CONVERGENCE-Shorelines:Currents:Convergence  
2308, 2400

CONVERGENCE-Straits:Currents:Convergence  
2493

COOLING-Gulfs:Cooling:Summaries 2643

COUNTERCURRENTS-(see next column)

COUNTERCURRENTS-Seas:Countercurrents:Sum-  
maries 2672

COUNTERCURRENTS-Straits:Depth:Countercur-  
rents 2554

CURRENTS-Bays:Currents:Observations  
2555

CURRENTS-Bays:Depth:Currents 2451

CURRENTS-Currents:Eddies:Summaries 2735

CURRENTS-Currents:Heating:Transport  
2375, 2394

CURRENTS-Currents:Momentum:Transport  
2647

CURRENTS-Currents:Observations:Current  
Meters 3070

CURRENTS-Currents:Observations:Current  
Meters(EKMAN) 2509

CURRENTS-Currents:Observations:Drift Bot-  
tles 2529, 2587, 2606, 2837

CURRENTS-Currents:Observations:GEK Instru-  
ments 2276, 2316, 2393, 2466,  
2733, 2750, 2762

CURRENTS-Currents:Observations:Instruments  
2633

CURRENTS-Currents:Observations:Photogram-  
metry 2555

CURRENTS-Currents:Observations:Ship Reports  
2136

CURRENTS-Currents:Observations:Taut-Wire  
Buoys 2766

CURRENTS-Currents:Reynolds' Stress:Computa-  
tion 2534

CURRENTS-Currents:Stability:Models 2758

CURRENTS-Currents:Summaries 2451

CURRENTS-Currents:Water Masses:Transport  
2341

CURRENTS-Gulfs:Bays:Currents 2278

CURRENTS-Gulfs:Currents:Dynamic Analysis  
2365

CURRENTS-Gulfs:Currents:Eddies 2306,  
2620, 2735, 2896, 3051

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

CURRENTS-Gulfs:Currents:Hydrodynamic Analysis 2659

CURRENTS-Gulfs:Currents:Movement 2190

CURRENTS-Gulfs:Currents:Observations  
2129, 2131, 2633, 2733, 2750,  
2762, 2766, 2837

CURRENTS-Gulfs:Currents:Sea/Air Interaction  
0064

CURRENTS-Gulfs:Currents:Statistical Studies  
0634

CURRENTS-Gulfs:Currents:Stream Functions  
2733

CURRENTS-Gulfs:Currents:Summaries 1648,  
2067, 2115, 2135, 2141, 2144,  
2147, 2469, 2540, 2632, 2663,  
2721, 2757, 2850, 2892, 2896,  
3038, 3049

CURRENTS-Gulfs:Currents:Surface Stress  
0634

CURRENTS-Gulfs:Depth:Currents 2633,  
2850, 3038

CURRENTS-Gulfs:Mid-Depth:Currents 2735,  
2892

CURRENTS-Gulfs:Rivers:Currents 2115

CURRENTS-Gulfs:Surface:Currents 2508,  
2733, 2837

CURRENTS-Harbors:Currents:Sea/Air Inter-  
action 0064

CURRENTS-Oceans:Currents:Summaries  
2149, 2407, 2455, 2521, 2615,  
2721

CURRENTS-Oceans:Depth:Currents 2455

CURRENTS-Oceans:Surface:Currents 2228

CURRENTS-Seas:Currents:Computation  
3066

CURRENTS-Seas:Currents:Descriptions  
0073

CURRENTS-Seas:Currents:Dynamic Analysis  
2194

CURRENTS-(see next column)

CURRENTS-Seas:Currents:Observations  
1953, 2136, 2316

CURRENTS-Seas:Currents:Summaries 2067,  
2094, 2303, 2407, 2538, 2669,  
2672, 2738, 2819, 2910, 3049

CURRENTS-Seas:Currents:Upwelling 2777

CURRENTS-Seas:Depth:Currents 2819

CURRENTS-Seas:Mid-Depth:Currents 2538,  
2738

CURRENTS-Seas:Surface:Currents 2250,  
2910, 3066

CURRENTS-Shorelines:Currents:Convergence  
2308, 2400

CURRENTS-Shorelines:Currents:Damage  
2178

CURRENTS-Shorelines:Currents:Divergence  
2855

CURRENTS-Shorelines:Currents:Drift Bottles  
2496

CURRENTS-Shorelines:Currents:Heating  
2375

CURRENTS-Shorelines:Currents:Observations  
2197, 2509, 2587, 2606, 3070

CURRENTS-Shorelines:Currents:Research Pro-  
grams 2601

CURRENTS-Shorelines:Currents:Statistical  
Studies 2583

CURRENTS-Shorelines:Currents:Summaries  
2357, 2420, 2582, 2605, 2674,  
2769, 2891, 3057

CURRENTS-Shorelines:Currents:Synoptic Anal-  
ysis 2855

CURRENTS-Shorelines:Depth:Currents  
2509, 2601, 2674

CURRENTS-Shorelines:Mid-Depth:Currents  
2582, 2891, 3057, 3070

CURRENTS-Shorelines:Surface:Currents  
2496, 2509, 2587, 2606, 2769

CURRENTS-Shorelines:Tides:Currents  
2429

CURRENTS-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES--(Cont.)

CURRENTS--Straits:Currents:Analysis 2168

CURRENTS--Straits:Currents:Convergence  
2493

CURRENTS--Straits:Currents:Dynamic Analysis  
2539

CURRENTS--Straits:Currents:Models 2539

CURRENTS--Straits:Currents:Momentum 2647

CURRENTS--Straits:Currents:Observations  
2131, 2393, 2466, 2529

CURRENTS--Straits:Currents:Potential Vorticity  
2694

CURRENTS--Straits:Currents:Research Programs  
2182, 2261, 2276, 2309, 2351,  
2381, 2638, 2640, 2664, 2695,  
2726

CURRENTS--Straits:Currents:Velocity 2238,  
2286

CURRENTS--Straits:Currents:Vorticity  
2271

CURRENTS--Straits:Geostrophy:Currents  
2534

CURRENTS--Straits:Stability:Currents  
2758

CURRENTS--Straits:Surface:Currents 2493,  
2529, 2647

CURRENTS--Temperature:Currents 0251

CURRENTS--Temperature:Currents:Variations  
0236

DISCHARGE--Estuaries:Discharge:Models  
2449

DISCHARGE--Estuaries:Discharge:Observations  
2701

DISCHARGE--Estuaries:Discharge:Summaries  
2587, 2920

DISCHARGE--Estuaries:Temperature:Discharge  
2495

DISCHARGE--Rivers:Discharge 2313

DISCHARGE--Seas:rivers:Discharge 2475

DISCHARGE--Shorelines:Rivers:Discharge  
2354

DISSIPATION--Waves:Energy:Dissipation  
2279, 2280, 2298, 2300, 2427

DIVERGENCE--Shorelines:Currents:Divergence  
2855

DOWNWELLING--Seas:Downwelling:Summaries  
2691

DOWNWELLING--Seas:Storm Surges:Downwelling  
2878

DRIFT--Seas:Drift:Bottom Paper 2250

EDDIES--Currents:Eddies:Summaries 2735

EDDIES--Gulfs:Currents:Eddies 2306, 2620,  
2735, 2895, 3051

EDDY DIFFUSION--Gulfs:Eddy Diffusion:Fore-  
casting 2467

EDDY DIFFUSION--Seas:Mid-Depth:Eddy Diffu-  
sion 2203

EM CURRENTS--Straits:EM Currents:Summaries  
2238

EM PROPAGATION--EM Propagation:Observations:  
Ionondes 2723

EM PROPAGATION--EM Propagation:Reflection:  
Summaries 2246

EM PROPAGATION--Gulfs:EM Propagation:Back-  
scattering 2723

EM PROPAGATION--Gulfs:EM Propagation:Obser-  
vations 2723

EM PROPAGATION--Gulfs:EM Propagation:Reflec-  
tion 2246

EM PROPAGATION--Gulfs:EM Propagation:Scat-  
tering 2229

ENERGY--Gulfs:Waves:Energy 0931, 2279,  
2280, 2298, 2300, 2533

ENERGY--Oceans:Energy:Transport 2249

ENERGY--Seas:Energy:Transport 2528

ENERGY--Shorelines:Waves:Energy 2427

ENERGY--Straits:Waves:Energy 2566

ENERGY--(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

ENERGY-Waves:Energy:Dissipation 2279,  
2280, 2298, 2300, 2427

ENERGY-Waves:Energy:Littoral Transport  
2566

FLOODING-Flooding:Conferences 1594

FLOODING-Flooding:Engineering:Design Data  
2771

FLOODING-Gulfs:Storm Surges:Flooding  
0786

FLOODING-Rivers:Flooding:Damage 2464

FLOODING-Shorelines:Flooding:Engineering  
2492

FLOODING-Shorelines:Storm Surges:Flooding  
0083, 2401, 2402, 2492, 2719,  
2770, 2771

FLOODING-Storm Surges:Flooding:Engineering  
2770, 2771

FOULING-Straits:Depth:Fouling 3042

FOULING-Straits:Fouling:Summaries 3042

HEATING-Currents:Heating:Transport 2375,  
2394

HEATING-Gulfs:Heating:Budgets 2486

HEATING-Gulfs:Surface:Heating 2239

HEATING-Seas:Heating:Budgets 2541

HEATING-Seas:Heating:Transport 2541

HEATING-Shorelines:Currents:Heating  
2375

INTERFERENCE-Sound Propagation:Reflection:  
Interference 2614

LATENT HEAT-Latent Heat:Statistical Stud-  
ies:Averages 2865

LATENT HEAT-Seas:Latent Heat:Statistical  
Studies 2865

LATERAL MIXING-Seas:Lateral Mixing:Summar-  
ies 2204

LIGHT POLARIZATION-Light Polarization:  
Observations:Interfer-  
ence Analyzers 2371

LIGHT POLARIZATION-Light Polarization:Ob-  
servations:Polarimeters  
2371

LIGHT POLARIZATION-Seas:Light Polarization:  
Summaries 2371

LUMINESCENCE-Bays:Luminescence:Summaries  
2922

LUMINESCENCE-Seas:Depth:Luminescence  
2468

LUMINESCENCE-Seas:Luminescence:Summaries  
2468

MIGRATION-Shorelines:Ion:Migration 2681

MIXING-Gulfs:Vertical Stability:Mixing  
2189

MOVEMENT-Bays:Tides:Movement 2426

MOVEMENT-Gulfs:Currents:Movement 2190

MOVEMENT-Gulfs:Tides:Movement 2177

MOVEMENT-Oceans:Waves:Movement 1626

MOVEMENT-Shorelines:Tides:Movement 2426

MOVEMENT-Shorelines:Waves:Movement 2345,  
2346, 2347, 2348, 2349

MOVEMENT-Waves:Movement:Refraction 2345,  
2346, 2347, 2348, 2349

PILE LOADING-Gulfs:Waves:PILE Loading  
2248, 2299, 2339, 2340, 2343,  
2642

POLARIZATION-Transparency:Scattering:Polar-  
ization 2336

PROPAGATION-Seas:Propagation:Research Pro-  
grams 2702

PROPAGATION-Seas:Storm Surges:Propagation  
2174

PROPAGATION-Seas:Swell:Propagation 2174

RADIATION-Gulfs:Radiation:Summaries  
1648

RADIATION-Seas:Radiation Temperature:  
Computation 2613

RADIO PROPAGATION-Gulfs:Radio Propagation  
0955

REFLECTION-EM PROPAGATION:Reflection:Sum-  
maries 2246



# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

REFLECTION-Gulfs:FM Propagation:Reflection  
2246

REFLECTION-Gulfs:Sound Propagation:Reflec-  
tion 2614

REFLECTION-Sound Propagation:Reflection:  
Interference 2614

REFRACTION-Gulfs:Waves:Refraction 2533

REFRACTION-Waves:Movement:Refraction  
2345, 2346, 2347, 2348, 2349

RENEWAL-Seas:Water Masses:Renewal 2925

REYNOLDS' STRESS-Currents:Reynolds' Stress:  
Computation 2534

RUN-UP-Seas:Waves:Run-Up 2665

SCATTERING-Gulfs:EM Propagation:Scattering  
2229

SCATTERING-Gulfs:Sound Propagation:Scatter-  
ing 2803

SCATTERING-Seas:Transparency:Scattering  
2631

SCATTERING-Shorelines:Sound Propagation:  
Scattering 2462

SCATTERING-Transparency:Scattering:Polar-  
ization 2336

SEA/AIR INTERACTION-Gulfs:Bays:Sea/Air  
Interaction 2270

SEA/AIR INTERACTION-Gulfs:Currents:Sea/Air  
Interaction 0064

SEA/AIR INTERACTION-Gulfs:Sea/Air Inter-  
action 0661, 0874,  
2252, 2254

SEA/AIR INTERACTION-Harbors:Currents:  
Sea/Air Interaction  
0064

SEA/AIR INTERACTION-Oceans:Sea/Air Inter-  
action 2293, 2295

SEA/AIR INTERACTION-Sea/Air Interaction:  
Expeditions 1873

SEA/AIR INTERACTION-Sea/Air Interaction:  
(see next column)

SEA/AIR INTERACTION-Sea/Air Interaction:  
Research Programs  
1879, 1954, 1995,  
2005, 2022, 2024,  
2031, 2037, 2038  
2052, 2053, 2054,  
2056, 2057, 2058

SEA/AIR INTERACTION-Seas:Sea/Air Interac-  
tion 0454, 0902,  
2528, 2608, 2905

SENSIBLE HEAT-Gulfs:Sensible Heat:Statisti-  
cal Studies 2865

SENSIBLE HEAT-Sensible Heat:Statistical  
Studies:Averages 2865

SHOALING-Canals:Shoaling:Dredging 2573

SHOALING-Rivers:Shoaling:Summaries 2460

SOUND PROPAGATION-Gulfs:Sound Propagation:  
Reflection 2614

SOUND PROPAGATION-Gulfs:Sound Propagation:  
Scattering 2803

SOUND PROPAGATION-Oceans:Sound Propagation:  
Computation 2232

SOUND PROPAGATION-Oceans:Sound Propagation:  
Summaries 2586, 2689

SOUND PROPAGATION-Seas:Sound Propagation:  
Kinematic Analysis  
2749

SOUND PROPAGATION-Seas:Sound Propagation:  
Observations 2551,  
2749

SOUND PROPAGATION-Seas:Sound Propagation:  
Summaries 2623

SOUND PROPAGATION-Shorelines:Sound Propaga-  
tion:Analysis 2481

SOUND PROPAGATION-Shorelines:Sound Propaga-  
tion:Scattering 2462

SOUND PROPAGATION-Shorelines:Sound Propaga-  
tion:Summaries 2310,  
2561

SOUND PROPAGATION-Shorelines:Structure:  
Sound Propagation  
2481

SOUND PROPAGATION-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

SOUND PROPAGATION-Sound Propagation:Observations:Hydrophones 2749	STORM SURGES-Gulfs:Storm Surges:Research Programs 2897
SOUND PROPAGATION-Sound Propagation:Observations:Velocimeters(NBS) 2551	STORM SURGES-Gulfs:Storm Surges:Statistical Studies 2383, 2416
SOUND PROPAGATION-Sound Propagation:Reflection:Interference 2614	STORM SURGES-Gulfs:Storm Surges:Summaries 0950, 2150, 2415, 2505
SOUND PROPAGATION-Straits:Sound Propagation:Models 2720	STORM SURGES-Gulfs:Storm Surges:Symposia 2743
SOUND PROPAGATION-Straits:Sound Propagation:Summaries 2575, 2634, 2662, 2697, 2720, 2785	STORM SURGES-Gulfs:Storm Surges:Tides 0293, 1205
STABILITY SHEAR STRESS-Shorelines:Stability Shear Stress:Analysis 2465	STORM SURGES-Harbors:Storm Surges 2307
STORM SURGES-Bays:Storm Surges:Computation 2912	STORM SURGES-Oceans:Shorelines:Storm Surges 2324
STORM SURGES-Bays:Storm Surges:Tides 2636	STORM SURGES-Oceans:Storm Surges:Analysis 2382
STORM SURGES-Estuaries:Storm Surges:Summaries 2854	STORM SURGES-Oceans:Storm Surges:Forecasting 0913, 2487
STORM SURGES-Gulfs:Storm Surges 0931	STORM SURGES-Oceans:Storm Surges:Waves 2714
STORM SURGES-Gulfs:Storm Surges:Analysis 1083, 2516	STORM SURGES-Seas:Storm Surges 0854, 0855, 0856, 1904, 2520
STORM SURGES-Gulfs:Storm Surges:Computation 2154, 2157, 2630	STORM SURGES-Seas:Storm Surges:Damage 2033
STORM SURGES-Gulfs:Storm Surges:Damage 2171, 2234, 2258	STORM SURGES-Seas:Storm Surges:Descriptions 0557
STORM SURGES-Gulfs:Storm Surges:Drilling Platforms 3071	STORM SURGES-Seas:Storm Surges:Downwelling 2878
STORM SURGES-Gulfs:Storm Surges:Engineering 2410, 2543	STORM SURGES-Seas:Storm Surges:Engineering 2391, 2754
STORM SURGES-Gulfs:Storm Surges:Flooding 0786	STORM SURGES-Seas:Storm Surges:Forecasting 2356
STORM SURGES-Gulfs:Storm Surges:Forecasting 2356, 2889	STORM SURGES-Seas:Storm Surges:Microseisms 2226
STORM SURGES-Gulfs:Storm Surges:Observations 2328	STORM SURGES-Seas:Storm Surges:Observations 0542, 0822
	STORM SURGES-Seas:Storm Surges:Propagation 2174
	STORM SURGES-Seas:Storm Surges:Ship Avoidance 0083
	STORM SURGES-Seas:Storm Surges:Ship Protection 2274, 2326

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

STORM SURGES-Seas:Storm Surges:Summaries  
2408, 2746

STORM SURGES-Seas:Storm Surges:Swells  
2220

STORM SURGES-Seas:Storm Surges:Temperature  
2353

STORM SURGES-Seas:Storm Surges:Tidal Waves  
0083

STORM SURGES-Seas:Storm Surges:Tides  
2226

STORM SURGES-Seas:Storm Surges:Upwelling  
1473, 2878

STORM SURGES-Seas:Storm Surges:Waves  
2220

STORM SURGES-Shorelines:Storm Surges:Analy-  
sis 2424, 2425

STORM SURGES-Shorelines:Storm Surges:Bibli-  
ographies 2660

STORM SURGES-Shorelines:Storm Surges:Com-  
putation 2553

STORM SURGES-Shorelines:Storm Surges:Dam-  
age 1016, 2153, 2178, 2712,  
2747

STORM SURGES-Shorelines:Storm Surges:Engi-  
neering 2558, 2692, 2715

STORM SURGES-Shorelines:Storm Surges:Flood-  
ing 0083, 2401, 2402, 2492,  
2719, 2771, 2771

STORM SURGES-Shorelines:Storm Surges:Fore-  
casting 2376, 2537, 2576,  
2593

STORM SURGES-Shorelines:Storm Surges:Hydro-  
dynamic Analysis 2715

STORM SURGES-Shorelines:Storm Surges:Pres-  
sure 2711

STORM SURGES-Shorelines:Storm Surges:Sum-  
maries 2297, 2715

STORM SURGES-Shorelines:Storm Surges:Waves  
2722

STORM SURGES-Storm Surges:Damage:Drilling  
2712

STORM SURGES-Storm Surges:Engineering:  
Design Data 2391, 2410,  
2543, 2692, 2715

STORM SURGES-Storm Surges:Engineering:  
Instruments 2692

STORM SURGES-Storm Surges:Engineering:Pipe-  
line Protection 2754

STORM SURGES-Storm Surges:Engineering:Wave  
Trippers 2558

STORM SURGES-Storm Surges:Flooding:Engi-  
neering 2770, 2771

STORM SURGES-Storm Surges:Observations:  
Hydrographs 2387

STORM SURGES-Storm Surges:Observations:  
Wave Force Meters 2328

STORM SURGES-Storm Surges:Summaries 2552

STORM SURGES-Storm Surges:Swells 0028

STORM SURGES-Storm Surges:Tides:Summaries  
2636

STORM SURGES-Storm Surges:Waves:Forecasting  
2714

STORM SURGES-Storm Surges:Waves:Observa-  
tions 1551

STORM SURGES-Storm Surges:Waves:Spectral  
Analysis 2714

## DIVISION OF STORM SURGES BY HURRICANE NAMES

AUDREY 2401, 2486, 2576, 2699, 2887

BETSY 2382, 2698, 2760, 2777, 2854,  
2878

CARLA 2494, 2506, 2553, 2630, 2642,  
2643, 2692, 2699, 2747, 2887,  
2912

CAROL 2324, 2487

CINDY 2636, 2747, 2912

CLEO 2772

CONNIE 2353, 2382

DIANE 2326, 2353, 2382

DONNA 2464, 2487, 2505

DORA 2722, 2726, 2772

EDNA 2324

ESTHER 2772

FLORA 2680

GINNY 2772

HATTIE 2520

HAZEL 2324, 2382

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES -(Cont.)

### DIVISION OF STORM SURGES BY HURRICANE NAMES-(Cont.)

HILDA 2626, 2699, 2756, 2763, 2772,  
2878, 2927  
JANET 2382, 2408

SURF-Shorelines:Surf:Statistical Studies  
2403

SURF-Shorelines:Surf:Summaries 2834

SURFACE EFFECTS-Gulfs:Temperature:Surface  
Effects 2164

SURFACE STRESS-Gulfs:Currents:Surface  
Stress 0634

SWELLS-Harbors:Swells:Summaries 2329

SWELLS-Seas:Storm Surges:Swells 2220

SWELLS-Seas:Swells:Propagation 2174

SWELLS-Seas:Swells:Summaries 2665

SWELLS-Shorelines:Swells:Summaries 3035

SWELLS-Storm Surges:Swells 0028

SWELLS-Straits:Swells:Summaries 2373

TIDAL CURRENTS-Shorelines:Depth:Tidal Cur-  
rents 2730

TIDAL CURRENTS-Shorelines:Tidal Currents:  
Harmonic Analysis 2730

TIDAL CURRENTS-Shorelines:Tidal Currents:  
Spectral Analysis 2730

TIDAL CURRENTS-Shorelines:Tidal Currents:  
SUMMARIES 2784

TIDAL CURRENTS-Tidal Currents:Observations:  
Taut-Wire Bucys 2730

TIDAL FLUSHING-Bays:Tidal Flushing:Summar-  
ies 2278

TIDAL FLUSHING-Estuaries:Tidal Flushing  
2277

TIDAL WAVES-Seas:Storm Surges:Tidal Waves  
0083

TIDES-Bays:Storm Surges:Tides 2636

TIDES-Bays:Tides:Analysis 2477

TIDES-Bays:Tides:Computation 2912

TIDES-Bays:Tides:Movement 2426

TIDES-Bays:Tides:Summaries 2451, 2920

TIDES-Canals:Tides:Summaries 2169

TIDES-Estuaries:Tides:Observations 2854

TIDES-Estuaries:Tides:Summaries 2399,  
2607, 2641

TIDES-Gulfs:Storm Surges:Tides 0293,  
1205

TIDES-Gulfs:Tides:Analysis 2127, 2163,  
2659

TIDES-Gulfs:Tides:Charts 2104

TIDES-Gulfs:Tides:Forecasting 2673

TIDES-Gulfs:Tides:Movement 2177

TIDES-Gulfs:Tides:Observations 0599,  
2098, 2140

TIDES-Gulfs:Tides:Summaries 0684, 2115,  
2179, 2289, 2455, 2670

TIDES-Gulfs:Tides:Tables 2247

TIDES-Harbors:Tides:Analysis 2477

TIDES-Harbors:Tides:Summaries 2450

TIDES-Lakes:Tides:Summaries 2398

TIDES-Seas:Storm Surges:Tides 2226

TIDES-Seas:Tides:Summaries 2094

TIDES-Shorelines:Tides:Currents 2429

TIDES-Shorelines:Tides:Forecasting 2376

TIDES-Shorelines:Tides:Movement 2426

TIDES-Shorelines:Tides:Summaries 2397,  
2622

TIDES-Storm Surges:Tides:Summaries 2636

TIDES-Straits:Tides:Summaries 2271

TIDES-Tides:Observations:Networks 2140

TIDES-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

TIDES-Tides:Observations:Tide Gages  
2854

TIDES-Tides:Water Masses:Transport 2759

TRANSPORT-Bays:Water Masses:Transport  
2920

TRANSPORT-Currents:Heating:Transport  
2375, 2394

TRANSPORT-Currents:Momentum:Transport  
2647

TRANSPORT-Currents:Water Masses:Transport  
2341

TRANSPORT-Estuaries:Water Masses:Transport  
2609

TRANSPORT-Gulfs:Water Masses:Transport  
2472, 2473, 2508, 2756

TRANSPORT-Oceans:Energy:Transport 2249

TRANSPORT-Sea Level Canal:Water Masses:  
Transport 2917

TRANSPORT-Seas:Energy:Transport 2528

TRANSPORT-Seas:Heating:Transport 2541

TRANSPORT-Seas:Water Masses:Transport  
2608, 2777, 2917, 3036

TRANSPORT-Shorelines:Salinity:Transport  
2564

TRANSPORT-Shorelines:Water Masses:Transport  
2375

TRANSPORT-Straits:Water Masses:Transport  
2304, 2309, 2351, 2638, 2689,  
2919

TRANSPORT-Tides:Water Masses:Transport  
2759

TRANSPORT-Water Masses:Transport:Engineer-  
ing 2759

TSUNAMIS-Seas:Tsunamis:Summaries 2811

TURBULENCE-Seas:Turbulence:Observations  
2679

TURBULENCE-Shorelines:Turbulence:Summaries  
2885

TURBULENCE-Turbulence:Observations:Bathy-  
thermographs 2679

ULTRAVIOLET ABSORPTION-Gulfs:Ultraviolet  
Absorption:Summar-  
ies 2670

UPWELLING-Gulfs:Upwelling:Analysis 2262,  
2263, 2478

UPWELLING-Gulfs:Upwelling:Dynamic Analysis  
2365, 2763

UPWELLING-Gulfs:Upwelling:Summaries 2643,  
2721, 2840

UPWELLING-Seas:Currents:Upwelling 2777

UPWELLING-Seas:Storm Surges:Upwelling  
1473, 2878

UPWELLING-Seas:Upwelling:Analysis 2547,  
2618

UPWELLING-Seas:Upwelling:Summaries 2691

UPWELLING-Shorelines:Upwelling:Analysis  
2671

UPWELLING-Shorelines:Upwelling:Summaries  
2849

UPWELLING-Straits:Upwelling:Observations  
2419

UPWELLING-Upwelling:Observations:GEK  
Instruments 2419

VARIATIONS-Currents:Temperature:Variations  
0236

VARIATIONS-Gulfs:Water Level:Variations  
1055

WAVE GENERATION-Seas:Wave Generation:  
Research Programs 2875

WAVES-Gulfs:Depth:Waves 2392, 2490, 2576

WAVES-Gulfs:Mid-Depth:Waves 2739

WAVES-Gulfs:Shorelines:Waves 2427

WAVES-Gulfs:Surface:Waves 2265, 2372,  
2392, 2850

WAVES-Gulfs:Waves:Design Data 3078

WAVES-Gulfs:Waves:Energy 0931, 2279,  
2280, 2298, 2300, 2533

WAVES-Gulfs:Waves:Engineering 2516

# OCEANOGRAPHY SUBJECT INDEX

## PROCESSES-(Cont.)

WAVES-Gulfs:Waves:Forecasting 2234,  
2236, 2344, 2392, 2490, 2576

WAVES-Gulfs:Waves:Observations 0959,  
2041, 2311, 2372, 2766, 2850

WAVES-Gulfs:Waves:Pile Loading 2248,  
2299, 2339, 2340, 2363, 2648

WAVES-Gulfs:Waves:Refraction 2533

WAVES-Gulfs:Waves:Statistical Studies  
2388, 2416

WAVES-Gulfs:Waves:Step Gages 0954

WAVES-Gulfs:Waves:Summaries 1648, 2252,  
2265, 2415, 2546, 2568, 2739, 3071

WAVES-Harbors:Waves:Summaries 2450

WAVES-Lakes:Waves:Summaries 2398

WAVES-Oceans:Depth:Waves 2455

WAVES-Oceans:Surface:Waves 2455

WAVES-Oceans:Waves:Forecasting 2455

WAVES-Oceans:Waves:Movement 1626

WAVES-Oceans:Waves:Summaries 2382

WAVES-Seas:Storm Surges:Waves 2220

WAVES-Seas:Waves:Descriptions 0557

WAVES-Seas:Waves:Forecasting 2338, 2506

WAVES-Seas:Waves:Run-Up 2665

WAVES-Seas:Waves:Summaries 2408

WAVES-Shorelines:Depth:Waves 2345, 2346,  
2347, 2348, 2349

WAVES-Shorelines:Mid-Depth:Waves 2347

WAVES-Shorelines:Storm Surges:Waves  
2220

WAVES-Shorelines:Waves:Energy 2566

WAVES-Shorelines:Waves:Microclimate 2347,  
2348

WAVES-Shorelines:Waves:Movement 2345,  
2346, 2347, 2348, 2349

WAVES-Shorelines:Waves:Spectral Analysis  
2497, 2544, 2667, 2722

WAVES-Shorelines:Waves:Statistical Analysis  
2722

WAVES-Shorelines:Waves:Statistical Studies  
2403

WAVES-Storm Surges:Waves:Forecasting  
2714

WAVES-Storm Surges:Waves:Observations  
1551

WAVES-Storm Surges:Waves:Spectral Analysis  
2714

WAVES-Straits:Waves:Energy 2566

WAVES-Waves:Energy:Dissipation 2279  
2280, 2298, 2300, 2427

WAVES-Waves:Energy:Littoral Transport  
2566

WAVES-Waves:Engineering:Pile Loading  
2516

WAVES-Waves:Movement:Refraction 2345,  
2346, 2347, 2348, 2349

WAVES-Waves:Observations 2372

WAVES-Waves:Observations:Drift Bottles  
2850

WAVES-Waves:Observations:Taut-wire buoys  
2766

## PROPERTIES-Acidity/Alkalinity,Chlorinity,etc.

ACIDITY/ALKALINITY-Gulfs:Acidity/Alkalinity:Summaries 2305

ACIDITY/ALKALINITY-Shorelines:Acidity/Alkalinity:Summaries  
2405

CHLORINITY-Estuarine:Chlorinity:Summaries  
2667

DENSITY-Bay:Density:Summaries 2920

DENSITY-Bay:Density:Observed from Tide Stations  
2920

DENSITY-Estuarine:Density:Summaries 2920,  
2921

# OCEANOGRAPHY SUBJECT INDEX

## PROPERTIES-(Cont.)

DENSITY-Gulfs:Depth:Density 2321

DENSITY-Seas:Density:Computation 2416

DENSITY-Seas:Density:Summaries 2208,  
2475

DENSITY-Shorelines:Density:Summaries  
2628

DYNAMIC HEIGHTS-Seas:Depth:Dynamic Heights  
2819

DYNAMIC HEIGHTS-Seas:Dynamic Heights:Sum-  
maries 2819

ELECTRIC POTENTIAL-Straits Geomagnetism:  
Electric Potential 2301, 2309

FRESH WATER-Gulfs:Fresh Water:Chemical  
Analysis 2161

GEOSTROPHY-Straits:Geostrophy:Currents  
2534

ISOHALINITY-Gulfs:Isohalinity:Analysis  
24,8

MOMENTUM-Currents:Momentum:Transport  
2647

MOMENTUM-Straits:Currents:Momentum 2647

POLLUTION-Estuaries:Pollution:Analysis  
2693

POLLUTION-Gulfs:Pollution:Oil Slicks 3039

POLLUTION-Gulfs:Pollution:Research Programs  
2871

POLLUTION-Gulfs:Pollution:Summaries 2301

POLLUTION-Harbors:Pollution:Oil Slicks  
3069

POLLUTION-Seas:Pollution:Oil Spillage  
(OCEAN EAGLE) 2832

POLLUTION-Shorelines:Pollution:Oil Slicks  
3069

POLLUTION-Shorelines:Pollution:Summaries  
2301

POTENTIAL TEMPERATURE-Gulfs:Depth:Poten-  
tial Temperature 2556

POTENTIAL TEMPERATURE-Seas:Potential Tem-  
perature:Analysis 2491

POTENTIAL TEMPERATURE-Seas:Potential Tem-  
perature:Computation 2418

POTENTIAL VORTICITY-Straits:Currents:Poten-  
tial Vorticity 2694

PRESSURE-Shorelines:Depth:Pressure  
2711

PRESSURE-Shorelines:Pressure:Spectral  
Analysis 2711

PRESSURE-Shorelines:Pressure:Summaries  
2783

PRESSURE-Shorelines:Storm. Surges:Pressure  
2711

RADIATION TEMPERATURE-Gulfs:Radiation Tem-  
perature:Computation 2613

RADIATION TEMPERATURE-Gulfs:Radiation Tem-  
perature:Observations 2668

RADIATION TEMPERATURE-Radiation Tempera-  
ture:Observations:  
Aircraft 2668

RED TIDE-Bays:Red Tide:Analysis 2499

RED TIDE-Bays:Red Tide:Research Programs  
2507

RESOURCES-Shorelines:Resources:Jurisdiction  
2864

SALINITY-Bays:Salinity:Analysis 2477

SALINITY-Bays:Salinity:Ecological Analysis  
2200

SALINITY-Estuaries:Salinity:Statistical  
Analysis 2579

SALINITY-Estuaries:Salinity:Summaries  
2366, 2367, 2607

SALINITY-Gulfs:Depth:Salinity 2321,  
2556

SALINITY-Gulfs:Mid-Depth:Salinity 2740

SALINITY-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROPERTIES-(Cont.)

SALINITY-Gulfs:Salinity:Observations  
2152

SALINITY-Gulfs:Salinity:Summaries 2233,  
2251, 2252, 2272, 2297, 2305,  
2474, 2556, 2654, 2670, 2708,  
2716, 2740, 2807

SALINITY-Gulfs:Salinity:Synoptic Analysis  
2357

SALINITY-Gulfs:Surface:Salinity 2654,  
2708, 2807

SALINITY-Harbors:Salinity:Analysis 2477

SALINITY-Oceans:Salinity:Summaries 2446

SALINITY-Salinity:Observations:STD Instru-  
ments 2676

SALINITY-Salinity:Summaries 2451

SALINITY-Seas:Depth:Salinity 2819, 3043

SALINITY-Seas:Salinity:Analysis 2491

SALINITY-Seas:Salinity:Statistical Studies  
2644

SALINITY-Seas:Salinity:Summaries 2524,  
2661, 2819, 3043

SALINITY-Seas:Surface:Salinity 2201

SALINITY-Shorelines:Depth:Salinity 2681,  
2915

SALINITY-Shorelines:Mid-Depth:Salinity  
2582, 2676, 2842

SALINITY-Shorelines:Salinity:Forecasting  
2564

SALINITY-Shorelines:Salinity:Observations  
2676

SALINITY-Shorelines:Salinity:Summaries  
2354, 2420, 2429, 2467, 2485,  
2509, 2582, 2628, 2681, 2769,  
2842, 2907, 2915

SALINITY-Shorelines:Salinity:Transport  
2564

SALINITY-Shorelines:Surface:Salinity  
2354, 2603, 2907

SALINITY-(see next column)

SALINITY-Straits:Salinity:Summaries  
2281, 2309, 2351

SEA LEVEL-Gulfs:Sea Level:Observations  
2129, 2192

SEA LEVEL-Gulfs:Sea Level:Summaries  
1648, 2252, 2264, 2289, 2630,  
2831

SEA LEVEL-Sea Level:Observations:Tide Gages  
2324

SEA LEVEL-Seas:Sea Level:Observations  
2194

SEA LEVEL-Seas:Sea Level:Summaries  
2563

SEA LEVEL-Shorelines:Sea Level:Summaries  
2188, 2273, 2360, 2422, 2583

SEA LEVEL-Straits:Sea Level:Heights  
2381

SEA LEVEL-Straits:Sea Level:Observations  
2214

SIGMA T-Seas:Mid-Depth:Sigma t 2904

SIGMA T-Seas:Sigma t:Summaries 2325,  
2904

SIGMA T-Shorelines:Sigma t:Summaries  
2907

SIGMA T-Shorelines:Surface:Sigma t  
2907

SIGMA T-Straits:Sigma t:Summaries 2309

SPECIFIC GRAVITY-Gulfs:Specific Gravity:  
Summaries 2133

STABILITY-Currents:Stability:Models  
2758

STABILITY-Seas:Stability:Computation  
2577

STABILITY-Straits:Stability:Currents  
2758

STAGNANT POOLS-Seas:Stagnant Pools:Analysis  
2384

STATE-Gulfs:State:Summaries 2670

STRATIFICATION-Gulfs:Stratification:Summar-  
ies 2850





# OCEANOGRAPHY SUBJECT INDEX

## PROPERTIES-(Cont.)

STRUCTURE-Bays:Structure:Summaries  
2814

STRUCTURE-Gulfs:Structure:Analysis  
2123, 2128

STRUCTURE-Gulfs:Temperature:Structure  
2195

STRUCTURE-Oceans:Structure:Thermal Analysis  
2135

STRUCTURE-Seas:Gulf Stream Front:Structure  
2335

STRUCTURE-Shorelines:Structure:Sound Propagation  
2431

TEMPERATURE-Canals:Temperature:Summaries  
2206

TEMPERATURE-Channels:Temperature:Summaries  
2108, 2181

TEMPERATURE-Estuaries:Temperature:Discharge  
2495

TEMPERATURE-Estuaries:Temperature:Summaries  
2366, 2367

TEMPERATURE-Gulfs:Depth:Temperature  
2321, 2739, 2750, 2807

TEMPERATURE-Gulfs:Mid-Depth:Temperature  
2741

TEMPERATURE-Gulfs:Surface:Temperature  
2232, 2242, 2259, 2568, 2613,  
2699, 2708, 2728, 2746, 2760,  
2772, 2807, 2866, 2913, 2927

TEMPERATURE-Gulfs:Temperature:Charts  
2143

TEMPERATURE-Gulfs:Temperature:Fish Kill  
2071

TEMPERATURE-Gulfs:Temperature:Observations  
2132, 2133, 2259, 2708, 2728,  
2746, 2760, 2807, 2866, 2913,  
2927

TEMPERATURE-Gulfs:Temperature:Ship Reports  
2312

TEMPERATURE-Gulfs:Temperature:Statistical  
Studies 2353

TEMPERATURE-(see next column)

TEMPERATURE-Gulfs:Temperature:Structure  
2295

TEMPERATURE-Gulfs:Temperature:Summaries  
1648, 2184, 2185, 2186, 2242,  
2251, 2259, 2272, 2297, 2359,  
2379, 2474, 2567, 2568, 2626,  
2642, 2643, 2670, 2699, 2716,  
2732, 2741, 2760, 2772, 2866,  
2913, 2927

TEMPERATURE-Gulfs:Temperature:Surface  
Effects 2164

TEMPERATURE-Oceans:Surface:Temperature  
2939, 2726

TEMPERATURE-Oceans:Temperature:Gradients  
1213

TEMPERATURE-Oceans:Temperature:Statistical  
Studies 2089

TEMPERATURE-Oceans:Temperature:Summaries  
2446, 2446, 2706

TEMPERATURE-Rivers:Temperature:Statistical  
Studies 2206

TEMPERATURE-Seas:Depth:Temperature 2342,  
2577, 2677, 2703, 2704, 2705,  
2819, 3043

TEMPERATURE-Seas:Gulf Stream Front:Temperature  
2771

TEMPERATURE-Seas:Radiation Temperature:Com-  
putation 2613

TEMPERATURE-Seas:Storm Surges:Temperature  
2353

TEMPERATURE-Seas:Surface:Temperature  
2597, 2903, 2353, 2354, 2354,  
2606, 2873, 2887

TEMPERATURE-Seas:Temperature:Analysis  
1862, 1863

TEMPERATURE-Seas:Temperature:Charts  
2321

TEMPERATURE-Seas:Temperature:Forecasting  
2413

TEMPERATURE-Seas:Temperature:Observations  
2145, 2960, 1082, 1949, 2677,  
2705, 2873, 2887

TEMPERATURE-Seas:Temperature:Statistical  
Studies 1323, 2644, 2696

# OCEANOGRAPHY SUBJECT INDEX

## PROPERTIES-(Cont.)

TEMPERATURE-Seas:Temperature:Summaries  
2187, 2327, 2364, 2445, 2475,  
2577, 2623, 2661, 2703, 2704,  
2819, 3043

TEMPERATURE-Seas:Temperature:Synoptic  
Analysis 2504

TEMPERATURE-Seas:Temperature:Thermocline  
2777

TEMPERATURE-Shorelines:Depth:Temperature  
2603, 2915

TEMPERATURE-Shorelines:Mid-Depth:Tempera-  
ture 2582, 2676, 2842

TEMPERATURE-Shorelines:Surface:Temperature  
2333, 2374, 2420, 2495, 2603,  
2907

TEMPERATURE-Shorelines:Temperature:Obser-  
vations 2676, 2870

TEMPERATURE-Shorelines:Temperature:Summar-  
ies 2333, 2354, 2420, 2485,  
2527, 2582, 2621, 2628, 2769,  
2842, 2907, 2915

TEMPERATURE-Straits:Temperature:Analysis  
2180

TEMPERATURE-Straits:Temperature:Charts  
2143

TEMPERATURE-Straits:Temperature:Summaries  
2108, 2175, 2276, 2281, 2309,  
2373

TEMPERATURE-Temperature:Currents:Variations  
0251, 0236

TEMPERATURE-Temperature:Observations:Air-  
craft 2760, 2888

TEMPERATURE-Temperature:Observations:Bathy-  
thermographs 2676, 2708,  
2750, 2807, 2870, 2878

TEMPERATURE-Temperature:Observations:  
Infrared Instruments  
2726

TEMPERATURE-Temperature:Observations:Instru-  
ments 2705

TEMPERATURE-Temperature:Observations:Nansen  
Bottles 2807, 2870, 2880,  
2882, 2884

TEMPERATURE-Temperature:Observations:Nansen  
Casts 2750

TEMPERATURE-Temperature:Observations:Radio-  
carbon Dating 2327

TEMPERATURE-Temperature:Observations:Ther-  
mographs 2677

TEMPERATURE-Temperature:Observations:Tide  
Stations 2242, 2333

TEMPERATURE-Temperature:Observations:Ther-  
mocouples 2283

TEMPERATURE-Temperature:Observations:Towed  
Thermistors 2661

TEMPERATURE-Temperature:Summaries 0874,  
2451

TRANSPARENCY-Bays:Transparency:Spectral  
Analysis 2921

TRANSPARENCY-Bays:Transparency:Summaries  
2814

TRANSPARENCY-Gulfs:Transparency:Summaries  
2199, 2294

TRANSPARENCY-Seas:Depth:Transparency  
2336

TRANSPARENCY-Seas:Transparency:Scattering  
2631

TRANSPARENCY-Seas:Transparency:Summaries  
2199, 2476

TRANSPARENCY-Shorelines:Transparency:Summar-  
ies 2463

TRANSPARENCY-Transparency:Scattering:Polar-  
ization 2336

THICKNESS-Seas:Isohaline Layer:Thickness  
2867

THICKNESS-Seas:Isothermal Layer:Thickness  
2867

VELOCITY-Straits:Currents:Velocity 2238,  
2286

VERTICAL STABILITY-Gulfs:Vertical Stability:  
Mixing 2189

VERTICAL STABILITY-Seas:Vertical Stability:  
Summaries 2204

VORTICITY-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PROPERTIES-(Cont.)

VORTICITY-Straits:Currents:Vorticity  
2771

WATER LEVEL-Gulfs:Water Level:Variations  
1095

## CONSTITUENTS-Amino Acid, Barium, etc.

AMINO ACID-Amino Acid:Observations:Chromatography 2518

AMINO ACID-Bays:Amino Acid:Summaries  
2611

AMINO ACID-Gulfs:Amino Acid:Observations  
2518

AMINO ACID-Gulfs:Depth:Amino Acid 2518

BARIUM-Seas:Barium:Summaries 2779, 2805

BARIUM-Seas:Depth:Barium 2805

BARIUM-Seas:Mid-Depth:Barium 2779

BORON/CHLORINE-Gulfs:Boron/Chlorine:Summaries 2484

BROMINE-Gulfs:Bromine:Production 2684

CALCIUM-Estuaries:Calcium:Summaries  
2602

CALCIUM-Shorelines:Calcium:Summaries  
2523, 2610

CARBON DIOXIDE-Carbon Dioxide:Observations:  
Radioactive Meters 2559

CARBON DIOXIDE-Gulfs:Carbon Dioxide:Observations 2559

CARBON DIOXIDE-Gulfs:Carbon Dioxide:Summaries 2605

CARBON DIOXIDE-Seas:Carbon Dioxide:Summaries 2160

CHLOROFORM SOLUBLE-Gulfs:Surface:Chloroform Soluble 2734

CHLOROPHYLL-Gulfs:Chlorophyll:Summaries  
2670

COPPER-Gulfs:Copper:Chemical Analysis  
2775

COPPER-Gulfs:Copper:Summaries 2775

COPPER-Gulfs:Depth:Copper 2775

COPPER-Straits:Copper:Summaries 2585

DISSOLVED OXYGEN-Gulfs:Depth:Dissolved Oxygen 2556, 2660

DISSOLVED OXYGEN-Gulfs:Dissolved Oxygen:Summaries 2556, 2660

FATTY ALCOHOL-Gulfs:Fatty Alcohol:Summaries  
2734

FATTY ESTER-Gulfs:Fatty Ester:Summaries  
2734

FREE FATTY ACID-Gulfs:Free Fatty Acid:Summaries 2734

FREE NITROGEN-Seas:Free Nitrogen:Summaries  
2437

HYDROCARBON-Gulfs:Hydrocarbon:Summaries  
2734

HYDROCARBON-Seas:Hydrocarbon:Summaries  
2886

HYDROGEN PEROXIDE-Shorelines:Hydrogen Peroxide:Summaries 2700

HYDROGEN PEROXIDE-Shorelines:Surface:Hydrogen Peroxide 2700

HYDROGEN SULFIDE-Gulfs:Hydrogen Sulfide:Summaries 2436

INORGANIC PHOSPHATE-Bays:Inorganic Phosphate:Summaries 2417

ION-Shorelines:Ion:Migration 2681

IRON-Straits:Iron:Summaries 2585

LITHIUM-Gulfs:Depth:Lithium 2650

LITHIUM-Gulfs:Lithium:Observations  
2650

LITHIUM-Lithium:Observations:Spectrometry  
2650

MAGNESIUM-Estuaries:Magnesium:Summaries  
2602

MAGNESIUM-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## CONSTITUENTS-(Cont.)

- MAGNESIUM-Shorelines:Magnesium:Summaries  
2523, 2619
- MANGANESE-Gulfs:Manganese:Activation Anal-  
ysis 2526
- MICROBIAL-Gulfs:Microbial:Summaries  
2716
- NICKEL-Straits:Nickel:Summaries 2389
- NITRATE-Gulfs:Nitrate:Summaries 2305
- NITRATE-Seas:Nitrate:Summaries 2436
- NITRATE-Shorelines:Nitrate:Chemical 2305
- NITRATE-Shorelines:Nitrate:Summaries  
2429, 2537
- NITRITE-Gulfs:Nitrite:Summaries 2305
- NUCLIDE-Seas:Nuclide:Summaries 2536
- NUTRIENT-Seas:Nutrient:Summaries 2810
- NUTRIENT-Shorelines:Nutrient:Summaries  
2832
- NUTRIENT-Straits:Nutrient:Summaries  
2542
- NUTRITIVE ELEMENT-Seas:Nutritive Element:  
Summaries 2686
- ORGANIC CARBON-Gulfs:Depth:Organic Carbon  
2848
- ORGANIC CARBON-Gulfs:Organic Carbon:Sum-  
maries 2848
- OXYGEN-Gulfs:Oxygen:Summaries 2305,  
2474
- OXYGEN-Seas:Depth:Oxygen 2342
- OXYGEN-Seas:Oxygen:Summaries 2202, 2436,  
2475, 2661
- OXYGEN-Straits:Oxygen:Summaries 2309,  
2351
- PARTICULATE MATTER-Particulate Matter:  
Observations:Photome-  
ters 2404
- PARTICULATE MATTER-Seas:Particulate Matter:  
Observations 2404
- PHOSPHATE-Gulfs:Phosphate:Chemical Analysis  
2908
- PHOSPHATE-Gulfs:Phosphate:Summaries  
2251, 2272, 2908
- PHOSPHATE/PHOSPHORUS-Gulfs:Phosphate/Phos-  
phorus:Summaries  
2670
- PHOSPHORUS-Bays:Phosphorus:Summaries  
2268
- PHOSPHORUS-Gulfs:Phosphorus:Summaries  
2268, 2305
- PHOSPHORUS-Seas:Phosphorus:Summaries  
2305
- PHOSPHORUS-Shorelines:Phosphorus:Summaries  
2260, 2429
- POTASSIUM-Shorelines:Potassium:Summaries  
2610
- RADIOCARBON-Seas:Depth:Radiocarbon  
2780
- RADIOCARBON-Seas:Radiocarbon:Summaries  
2780
- RADIONUCLIDE-Gulfs:Radionuclide:Summaries  
2639
- RADIUM-Seas:Depth:Radium 2780
- REACTIVE SILICA-Gulfs:Reactive Silica:Sum-  
maries 2716
- RUBIDIUM-Shorelines:Rubidium:Summaries  
2610
- SILICA-Estuaries:Silica:Analysis 2389
- SILICATE-Oceans:Surface:Silicate 2409
- SILICATE-Seas:Depth:Silicate 2409
- SILICATE-Seas:Silicate:Summaries 2436
- SODIUM-Shorelines:Sodium:Summaries 2610
- STRONTIUM-Seas:Depth:Strontium 2651,  
2805
- STRONTIUM-Seas:Strontium:Summaries 2651,  
2805
- STRONTIUM-Seas:Surface:Strontium 2651
- STRONTIUM-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## CONSTITUENTS-(Cont.)

STRONTIUM-Shorelines:Strontium:Summaries  
2610

SULPHATE-Shorelines:Sulphate:Summaries  
2523

ZINC-Gulfs:Zinc:Activation Analysis  
2526

## PARTS-Depth,Isohaline Layer,etc.

DEPTH-Bays:Depth:Currents 2491

DEPTH-Bays:Depth:Summaries 2499

DEPTH-Gulfs:Depth:Amino Acid 2518

DEPTH-Gulfs:Depth:Charts 0534

DEPTH-Gulfs:Depth:Circulation 2473,  
2500

DEPTH-Gulfs:Depth:Copper 2775

DEPTH-Gulfs:Depth:Currents 2633, 2850,  
3038

DEPTH-Gulfs:Depth:Density 2321

DEPTH-Gulfs:Depth:Dissolved Oxygen 2556,  
3060

DEPTH-Gulfs:Depth:Lithium 2650

DEPTH-Gulfs:Depth:Organic Carbon 2848

DEPTH-Gulfs:Depth:Potential Temperature  
2556

DEPTH-Gulfs:Depth:Salinity 2321, 2556

DEPTH-Gulfs:Depth:Summaries 2707

DEPTH-Gulfs:Depth:Temperature 2321,  
2739, 2750, 2807

DEPTH-Gulfs:Depth:Water Masses 2755

DEPTH-Gulfs:Depth:Waves 2392, 2490,  
2576

DEPTH-Harbors:Depth:Tables 2142

DEPTH-Oceans:Depth:Currents 2455

DEPTH-(see next column)

DEPTH-Oceans:Depth:Waves 2455

DEPTH-Seas:Depth:Barium 2805

DEPTH-Seas:Depth:Circulation 2434

DEPTH-Seas:Depth:Convection 3033

DEPTH-Seas:Depth:Currents 2819

DEPTH-Seas:Depth:Dynamic Heights 2819

DEPTH-Seas:Depth:Engineering 2600

DEPTH-Seas:Depth:Luminescence 2466

DEPTH-Seas:Depth:Oxygen 2342

DEPTH-Seas:Depth:Radiocarbon 2780

DEPTH-Seas:Depth:Radium 2780

DEPTH-Seas:Depth:Salinity 2819, 3043

DEPTH-Seas:Depth:Silicate 2409

DEPTH-Seas:Depth:Strontium 2651, 2805,

DEPTH-Seas:Depth:Summaries 2191

DEPTH-Seas:Depth:Temperature 2342, 2577,  
2677, 2703, 2704, 2705, 2819, 3043

DEPTH-Seas:Depth:Transparency 2336

DEPTH-Seas:Depth:Underwater Recovery  
2718

DEPTH-Seas:Depth:Water Masses 2925

DEPTH-Shorelines:Depth:Currents 2509,  
2601, 2674

DEPTH-Shorelines:Depth:Geomagnetism  
2748

DEPTH-Shorelines:Depth:Pressure 2711

DEPTH-Shorelines:Depth:Salinity 2681,  
2915

DEPTH-Shorelines:Depth:Temperature 2603,  
2915

DEPTH-Shorelines:Depth:Tidal Currents  
2730

DEPTH-Shorelines:Depth:Waves 2345, 2346,  
2347, 2348, 2349

DEPTH-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## PARTS--(Cont.)

DEPTH--Straits:Depth:Countercurrents 2554	SURFACE--Gulfs:Surface:Salinity 2708, 2807	2694,
DEPTH--Straits:Depth:Fouling 3042	SURFACE--Gulfs:Surface:Summaries	2455
ISOHALINE LAYER--Seas:Isohaline Layer: Thickness 2861	SURFACE--Gulfs:Surface:Temperature 2242, 2259, 2568, 2613, 2699, 2708, 2728, 2756, 2760, 2772, 2807, 2866, 2913, 2927	223,
ISOTHERMAL LAYER--Seas:Isothermal Layer: Thickness 2867	SURFACE--Gulfs:Surface:Waves	2265, 2372, 2392, 2850
MID-DEPTH--Gulfs:Mid-Depth:Currents 2735, 2892	SURFACE--Oceans:Surface:Currents	2228
MID-DEPTH--Gulfs:Mid-Depth:Salinity 2740	SURFACE--Oceans:Surface:Silicate	2409
MID-DEPTH--Gulfs:Mid-Depth:Temperature 2741	SURFACE--Oceans:Surface:Temperature	0939, 2726
MID-DEPTH--Gulfs:Mid-Depth:Underwater Exploration 2768	SURFACE--Oceans:Surface:Waves	2455
MID-DEPTH--Gulfs:Mid-Depth:Waves 2739	SURFACE--Seas:Surface:Currents	2250, 2910, 3066
MID-DEPTH--Seas:Mid-Depth:Barium 2779	SURFACE--Seas:Surface:Salinity	2201
MID-DEPTH--Seas:Mid-Depth:Currents 2538, 2738	SURFACE--Seas:Surface:Strontium	2651
MID-DEPTH--Seas:Mid-Depth:Eddy Diffusion 2203	SURFACE--Seas:Surface:Temperature 0903, 2353, 2385, 2504, 2696, 2878, 2887	0597,
MID-DEPTH--Seas:Mid-Depth:Sigma t 2904	SURFACE--Shorelines:Surface:Currents 2496, 2509, 2587, 2606, 2769	
MID-DEPTH--Shorelines:Mid-Depth:Currents 2582, 2891, 3057, 3070	SURFACE--Shorelines:Surface:Hydrogen Perox- ide 2700	
MID-DEPTH--Shorelines:Mid-Depth:Salinity 2582, 2676, 2842	SURFACE--Shorelines:Surface:Salinity 2354, 2603, 2907	
MID-DEPTH--Shorelines:Mid-Depth:Temperature 2582, 2676, 2842	SURFACE--Shorelines:Surface:Sigma t	2907
MID-DEPTH--Shorelines:Mid-Depth:Waves 2667	SURFACE--Shorelines:Surface:Temperature 2333, 2374, 2420, 2495, 2603, 2907	
MID-DEPTH--Shorelines:Mid-Depth:Summaries 2853	SURFACE--Straits:Surface:Currents	2493, 2529, 2647
SURFACE--Bays:Surface:Summaries 2499	TERRITORIAL WATERS--Seas:Territorial Waters: Jurisdiction	2581
SURFACE--Gulfs:Surface:Chloroform Soluble 2734	TERRITORIAL WATERS--Shorelines:Territorial Waters:Jurisdiction	2753
SURFACE--Gulfs:Surface:Currents 2508, 2733, 2837	THERMOCLINE--Seas:Temperature:Thermocline 2777	
SURFACE--Gulfs:Surface:Heating 2239		

# OCEANOGRAPHY SUBJECT INDEX

## PARTS-(Cont.)

THERMOCLINE-Shorelines:Thermoclines:Summaries 2527

WATER MASSES-Bays:Water Masses:Transport 2939

WATER MASSES-Currents:Water Masses:Transport 2341

WATER MASSES-Estuaries:Water Masses:Tides 2759

WATER MASSES-Estuaries:Water Masses:Transport 2609

WATER MASSES-Gulfs:Depth:Water Masses 2755

WATER MASSES-Gulfs:Water Masses:Budgets 2472

WATER MASSES-Gulfs:Water Masses:Classification 2508

WATER MASSES-Gulfs:Water Masses:Summaries 2755

WATER MASSES-Gulfs:Water Masses:Transport 2472, 2473, 2908, 2756

WATER MASSES-Harbors:Water Masses:Classification 2282

WATER MASSES-Sea Level Canal:Water Masses:Transport 2917

WATER MASSES-Seas:Depth:Water Masses 2925

WATER MASSES-Seas:Water Masses:Renewal 2925

WATER MASSES-Seas:Water Masses:Summaries 2916

WATER MASSES-Seas:Water Masses:Transport 2608, 2717, 2917, 3036

WATER MASSES-Shorelines:Water Masses:Transport 2375

WATER MASSES-Straits:Water Masses:Summaries 2444

WATER MASSES-(see next column)

WATER MASSES-Straits:Water Masses:Transport 2304, 2309, 2341, 2638, 2689, 2919

WATER MASSES-Tides:Water Masses:Transport 2759

WATER MASSES-Water Masses:Transport:Engineering 2759

## THING/KIND-Bays, Canals, Channels, Estuaries, etc.

BAYS-Bays:Amino Acid:Summaries 2611

BAYS-Bays:Bibliographies 2320, 2323

BAYS-Bays:Biofouling:Summaries 2818

BAYS-Bays:Charts 2931, 2935, 2937, 2942, 2950, 2951, 2954, 2955, 2956, 2957, 2958, 2971, 2972, 2984, 2986, 2987, 2988, 2992

BAYS-Bays:Chemical Analysis 2146

BAYS-Bays:Circulation:Summaries 2278

BAYS-Bays:Cruises:Summaries 2818

BAYS-Bays:Currents:Observations 2555

BAYS-Bays:Density:Summaries 2920

BAYS-Bays:Depth:Currents 2451

BAYS-Bays:Depth:Summaries 2499

BAYS-Bays:Dissolved Phosphorus:Summaries 2268

BAYS-Bays:Engineering:Design Data 2560

BAYS-Bays:Engineering:Pipelines 2240

BAYS-Bays:Inorganic Phosphate:Summaries 2417

BAYS-Bays:Luminescence:Summaries 2922

BAYS-Bays:Navigation:Models 2560

BAYS-Bays:Pilot Guides 2080, 2081

BAYS-Bays:Red Tide:Analysis 2499

BAYS-Bays:Red Tide:Research Programs 2507



# OCEANOGRAPHY SUBJECT INDEX

## THING/ELER-(Cont.)

BAYS-Bays:Salinity:Analysis 2477

BAYS-Bays:Salinity:Ecological Analysis  
2910

BAYS-Bays:Storm Surges:Computation  
2912

BAYS-Bays:Storm Surges:Tides 2636

BAYS-Bays:Structure:Summaries 2814

BAYS-Bays:Summaries 2237, 2451, 2550,  
2727, 2918

BAYS-Bays:Surface:Summaries 2499

BAYS-Bays:Tidal Flushing:Summaries  
2278

BAYS-Bays:Tides:Analysis 2477

BAYS-Bays:Tides:Computation 2912

BAYS-Bays:Tides:Movement 2426

BAYS-Bays:Tides:Summaries 2451, 2920

BAYS-Bays:Transparency:Spectral Analysis  
2921

BAYS-Bays:Transparency:Summaries 2814

BAYS-Bays:Water Masses:Transport 2920

BAYS-Gulfs:Bays:Currents 2278

BAYS-Gulfs:Bays:Sea/Air Interaction  
2270

CANALS-Canals:Engineering:Design Data  
2627, 2649

CANALS-Canals:Pilot Guides 2158, 2162,  
2212, 2221, 2222, 2244

CANALS-Canals:Shoaling:Dredging 2573

CANALS-Canals:Temperature:Summaries  
0206

CANALS-Canals:Tides:Summaries 2169

CHANNELS-Channels:Navigation:Charts  
2070

CHANNELS-Channels:Navigation:Engineering  
2574

CHANNELS-Channels:Pilot Guides 2078,  
2091

CHANNELS-Channels:Temperature:Summaries  
2108, 2181

ESTUARIES-Estuaries:Bibliographies 2442

ESTUARIES-Estuaries:Calcium:Summaries  
2602

ESTUARIES-Estuaries:Charts 2789, 2932,  
2941

ESTUARIES-Estuaries:Chlorinity:Summaries  
2602

ESTUARIES-Estuaries:Circulation:Summaries  
2609

ESTUARIES-Estuaries:Cruises:Summaries  
2377, 2709

ESTUARIES-Estuaries:Currents:Summaries  
2367, 2607, 2649

ESTUARIES-Estuaries:Discharge:Models  
2449

ESTUARIES-Estuaries:Discharge:Observations  
2701

ESTUARIES-Estuaries:Discharge:Summaries  
2587, 2920

ESTUARIES-Estuaries:Magnesium:Summaries  
2602

ESTUARIES-Estuaries:Observations:Aircraft  
2165, 2701, 2710

ESTUARIES-Estuaries:Observations:Chemical  
Analysis 2602

ESTUARIES-Estuaries:Observations:Research  
Programs 2710

ESTUARIES-Estuaries:Pollution:Analysis  
2693

ESTUARIES-Estuaries:Research Programs  
2701

ESTUARIES-Estuaries:Salinity:Statistical  
Analysis 2579

ESTUARIES-Estuaries:Salinity:Summaries  
2366, 2367, 2607

ESTUARIES-Estuaries:Sea Level:Summaries  
2641

# OCEANOGRAPHY SUBJECT INDEX

## THING, KIND-(Cont.)

ESTUARIES-Estuaries:Silica:Analysis  
2389

ESTUARIES-Estuaries:Storm Surges:Summaries  
2854

ESTUARIES-Estuaries:Summaries 2366,  
2367, 2451, 2589, 2607, 2680,

ESTUARIES-Estuaries:Temperature:Discharge  
2495

ESTUARIES-Estuaries:Temperature:Summaries  
2366, 2367

ESTUARIES-Estuaries:Tidal Flushing 2277

ESTUARIES-Estuaries:Tides:Observations  
2854

ESTUARIES-Estuaries:Tides:Summaries  
2399, 2607, 2641

ESTUARIES-Estuaries:Water Masses:Tides  
2759

ESTUARIES-Estuaries:Water Masses:Trans-  
port 2609

GULF STREAM FRONT-Gulf Stream Front:Obser-  
vations:Radiometers  
2275

GULF STREAM FRONT-Seas:Gulf Stream Front:  
Structure 2335

GULF STREAM FRONT-Seas:Gulf Stream Front:  
Temperature 2275

GULFS-Gulfs:Acidity/Alkalinity:Summaries  
2305

GULFS-Gulfs:Amino Acid:Observations  
2515

GULFS-Gulfs:Aviation Guides 2198

GULFS-Gulfs:Bays:Currents 2278

GULFS-Gulfs:Bays:Sea/Air Interaction  
2270

GULFS-Gulfs:Bibliographies 3008

GULFS-Gulfs:Boron/Chlorine:Summaries  
2484

GULFS-Gulfs:Bromine:Production 2684

GULFS-Gulfs:Carbon Dioxide:Observations  
2559

GULFS-Gulfs:Carbon Dioxide:Summaries  
2305

GULFS-Gulfs:Charts 205, 2066, 2113  
2744, 2951, 2960

GULFS-Gulfs:Chlorophyll:Summaries 2670

GULFS-Gulfs:Chemical Analysis 2146

GULFS-Gulfs:Circulation:Sediments 2423

GULFS-Gulfs:Circulation:Statistical Stud-  
ies 2500

GULFS-Gulfs:Circulation:Summaries 2135,  
2357, 2708

GULFS-Gulfs:Conferences 2862

GULFS-Gulfs:Cooling:Summaries 2643

GULFS-Gulfs:Copper:Chemical Analysis  
2775

GULFS-Gulfs:Copper:Summaries 2305,  
2775

GULFS-Gulfs:Cruises 2120

GULFS-Gulfs:Cruises:Research Programs  
2863, 2902

GULFS-Gulfs:Cruises:Summaries 2257,  
2272, 2296, 2337, 2368, 2377, 2387,  
2395, 2430, 2453, 2457, 2474, 2480,  
2501, 2510, 2531, 2597, 2612, 2613,  
2619, 2626, 2655, 2688, 2698, 2703,  
2729, 2737, 2750, 2757, 2762, 2807,  
2837, 2851, 2856, 2880, 2881, 2882,  
2883, 2884, 2896, 2908, 3038, 3060

GULFS-Gulfs:Cruises:Tracks 2880, 2881,  
2882, 2883

GULFS-Gulfs:Currents:Dynamic Analysis  
2365

GULFS-Gulfs:Currents:Eddies 2306, 2620,  
2735, 2896, 3051

GULFS-Gulfs:Currents:Hydrodynamic Analysis  
2659

GULFS-Gulfs:Currents:Movement 2190

GULFS-(see next page)

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

- |  |             |  |             |
|--|-------------|--|-------------|
| GULFS-Gulfs:Currents:Observations        | 2129        | GULFS-Gulfs:Depth:Waves                    | 2392, 2490, |
| 2131, 2633, 2733, 2750, 2762, 2766,      |             | 2576                                       |             |
| 2837                                     |             | GULFS-Gulfs:Desalination                   | 2914        |
| GULFS-Gulfs:Currents:Sea/Air Interaction |             | GULFS-Gulfs:Desalination:Economic Analysis |             |
| 0054                                     |             | 2483                                       |             |
| GULFS-Gulfs:Currents:Statistical Studies |             | GULFS-Gulfs:Dissolved Oxygen:Summaries     |             |
| 0634                                     |             | 2556, 3060                                 |             |
| GULFS-Gulfs:Currents:Stream Functions    |             | GULFS-Gulfs:Dissolved Phosphorus:Summaries |             |
| 2733                                     |             | 2268                                       |             |
| GULFS-Gulfs:Currents:Summaries           | 1648,       | GULFS-Gulfs:Eddy Diffusion:Forecasting     |             |
| 2067, 2115, 2135, 2141, 2144, 2147,      |             | 2467                                       |             |
| 2469, 2540, 2632, 2653, 2721, 2757,      |             | GULFS-Gulfs:EM Propagation:Backscattering  |             |
| 2850, 2892, 2896, 3038, 3049             |             | 2723                                       |             |
| GULFS-Gulfs:Currents:Surface Stress      |             | GULFS-Gulfs:EM Propagation:Observations    |             |
| 0634                                     |             | 2723                                       |             |
| GULFS-Gulfs:Density:Observations         | 2132        | GULFS-Gulfs:EM Propagation:Reflection      |             |
| GULFS-Gulfs:Density:Summaries            | 2208,       | 2246                                       |             |
| 2255, 2774                               |             | GULFS-Gulfs:EM Propagation:Scattering      |             |
| GULFS-Gulfs:Depth:Amino Acid             | 2518        | 2229                                       |             |
| GULFS-Gulfs:Depth:Charts                 | 0534        | GULFS-Gulfs:Engineering:Jetties            | 2135        |
| GULFS-Gulfs:Depth:Circulation            | 2473,       | GULFS-Gulfs:Engineering:Mobile Platforms   |             |
| 2500                                     |             | 2767                                       |             |
| GULFS-Gulfs:Depth:Copper                 | 2775        | GULFS-Gulfs:Engineering:Pipeline Repair    |             |
| GULFS-Gulfs:Depth:Currents               | 2633, 2850, | 2751                                       |             |
| 3038                                     |             | GULFS-Gulfs:Fatty Alcohol:Summaries        |             |
| GULFS-Gulfs:Depth:Density                | 2321        | 2734                                       |             |
| GULFS-Gulfs:Depth:Dissolved Oxygen       |             | GULFS-Gulfs:Fatty Ester:Summaries          | 2734        |
| 2556, 3060                               |             | 2734                                       |             |
| GULFS-Gulfs:Depth:Lithium                | 2650        | GULFS-Gulfs:Free Fatty Acid:Summaries      |             |
| GULFS-Gulfs:Depth:Organic Carbon         | 2848        | 2734                                       |             |
| GULFS-Gulfs:Depth:Potential Temperature  |             | GULFS-Gulfs:Fresh Water:Chemical Analysis  |             |
| 2556                                     |             | 2161                                       |             |
| GULFS-Gulfs:Depth:Salinity               | 2321, 2556  | GULFS-Gulfs:Heating:Budgets                | 2486        |
| GULFS-Gulfs:Depth:Summaries              | 2707        | GULFS-Gulfs:Hydrocarbon:Summaries          | 2734        |
| GULFS-Gulfs:Depth:Temperature            | 2321,       | GULFS-Gulfs:Hydrogen Sulfide:Summaries     |             |
| 2739, 2750, 2807                         |             | 2436                                       |             |
| GULFS-Gulfs:Depth:Water Masses           | 2755        | GULFS-Gulfs:Isohalinity:Analysis           | 2478        |
|  |             | GULFS-Gulfs:Lithium:Observations           | 2650        |
|  |             | GULFS-Gulfs:Manganese:Activation Analysis  |             |
|  |             | 2526                                       |             |

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

GULFS-Gulfs:Microbial:Summaries	2716	GULFS-Gulfs:Observations:Metric Cameras	3040
GULFS-Gulfs:Mid-Depth:Currents	2735, 2892	GULFS-Gulfs:Observations:Microwave Radiometers	3040
GULFS-Gulfs:Mid-Depth:Salinity	2740	GULFS-Gulfs:Observations:Radar	2229
GULFS-Gulfs:Mid-Depth:Temperature	2741	GULFS-Gulfs:Observations:Research Programs	2706, 3065
GULFS-Gulfs:Mid-Depth:Underwater Exploration	2768	GULFS-Gulfs:Observations:Satellites	2809
GULFS-Gulfs:Mid-Depth:Waves	2739	GULFS-Gulfs:Observations:Ship Reports	2183
GULFS-Gulfs:Navigation:Charts	2071, 2073, 2095, 2117, 2124, 2125, 2128, 2145, 2148, 2241	GULFS-Gulfs:Observations:Ships	2782, 2225, 2828
GULFS-Gulfs:Navigation:Loran	2570, 2829, 3021, 3022	GULFS-Gulfs:Observations:Stations	2567
GULFS-Gulfs:Navigation:Manuals	2100	GULFS-Gulfs:Observations:Statistical Analysis	2716
GULFS-Gulfs:Navigation:Ships	2116	GULFS-Gulfs:Observations:STD Instruments	2750
GULFS-Gulfs:Navigation:Summaries	2149	GULFS-Gulfs:Observations:STD Instruments	2881
GULFS-Gulfs:Nitrate:Summaries	2305	GULFS-Gulfs:Observations:STD Instruments (BISSETT-BERMAN)	2882, 2884
GULFS-Gulfs:Nitrite:Summaries	2305	GULFS-Gulfs:Observations:Surveys	2582
GULFS-Gulfs:Observations	2102, 2151, 2176	GULFS-Gulfs:Observations:Texas Towers	2350
GULFS-Gulfs:Observations:Aircraft	3040	GULFS-Gulfs:Observations:Unmanned Stations	2549
GULFS-Gulfs:Observations:Bathythermographs	3051	GULFS-Gulfs:Observations:Unmanned Stations (NOMAD)	2568, 2595, 2646, 2866
GULFS-Gulfs:Observations:Chemical Analysis	2305	GULFS-Gulfs:Offshore Drilling	2900
GULFS-Gulfs:Observations:Data Processing	1647, 2764	GULFS-Gulfs:Organic Carbon:Summaries	2848
GULFS-Gulfs:Observations:Drilling Platforms	3048	GULFS-Gulfs:Oxygen:Summaries	2305, 2474
GULFS-Gulfs:Observations:Equipment	2396	GULFS-Gulfs:Phosphate:Chemical Analysis	2908
GULFS-Gulfs:Observations:Evaluation	2646	GULFS-Gulfs:Phosphate/Phosphorus:Summaries	2670
GULFS-Gulfs:Observations:Infrared Imagers	3040	GULFS-Gulfs:Phosphate:Summaries	2251, 2272, 2908
GULFS-Gulfs:Observations:Instruments	2531		

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

GULFS-Gulfs:Phosphorus:Summaries	2305	GULFS-Gulfs:Salinity:Observations	2152
GULFS-Gulfs:Pilot Guides	2075, 2076, 2077, 2078, 2081, 2086, 2088, 2089, 2090, 2091, 2093, 2103, 2107, 2109, 2119, 2122, 2126, 2130, 2159, 2224, 2256, 2355, 2411	GULFS-Gulfs:Salinity:Summaries	2233, 2251, 2252, 2272, 2297, 2305, 2474, 2556, 2654, 2670, 2708, 2716, 2740, 2807
GULFS-Gulfs:Pipeline Repair:Radiography	2876	GULFS-Gulfs:Salinity:Synoptic Analysis	2357
GULFS-Gulfs:Pollution:Oil Slicks	3039	GULFS-Gulfs:Sea/Air Interaction	0661, 0874, 2252, 2254
GULFS-Gulfs:Pollution:Research Programs	2871	GULFS-Gulfs:Sea Level:Observations	2129, 2192
GULFS-Gulfs:Pollution:Summaries	2301	GULFS-Gulfs:Sea Level:Summaries	1648, 2252, 2264, 2289, 2630, 2931
GULFS-Gulfs:Potential Temperature:Summaries	2556	GULFS-Gulfs:Sensible Heat:Statistical Studies	2865
GULFS-Gulfs:Radiation:Summaries	1648	GULFS-Gulfs:Ships	2868, 3009
GULFS-Gulfs:Radiation Temperature:Computation	2613	GULFS-Gulfs:Ships:Cable Laying	2685
GULFS-Gulfs:Radiation Temperature:Observations	2668	GULFS-Gulfs:Ships:Equipment	2596
GULFS-Gulfs:Radio Propagation	0955	GULFS-Gulfs:Shorelines	2645
GULFS-Gulfs:Radioactivity:Waste Disposal	2435, 2479	GULFS-Gulfs:Shorelines:Bibliographies	2331
GULFS-Gulfs:Radionuclide:Summaries	2639	GULFS-Gulfs:Shorelines:Charts	2111, 2112
GULFS-Gulfs:Reactive Silica:Summaries	2716	GULFS-Gulfs:Shorelines:Classification	2269
GULFS-Gulfs:Research Facilities	2752, 2781, 2782, 3037	GULFS-Gulfs:Shorelines:Research Programs	2292
GULFS-Gulfs:Research Programs	2406, 2439, 2452, 2455, 2461, 2480, 2580, 2592, 2635, 2737, 2742, 2775, 2778, 2806, 2812, 2821, 2823, 2835, 2843, 2851, 2856, 2873, 2879, 2924, 2928, 3014, 3015, 3044, 3045, 3046, 3063, 3072	GULFS-Gulfs:Shorelines:Summaries	1421
GULFS-Gulfs:Research Programs(CICAR)	2827	GULFS-Gulfs:Shorelines:Waves	2427
GULFS-Gulfs:Research Programs(GURC)	2765	GULFS-Gulfs:Sound Propagation:Reflection	2614
GULFS-Gulfs:Rivers:Currents	2115	GULFS-Gulfs:Sound Propagation:Scattering	2803
		GULFS-Gulfs:Specific Gravity:Summaries	2133
		GULFS-Gulfs:State:Summaries	2670
		GULFS-Gulfs:Storm Surges	0931
		GULFS-Gulfs:Storm Surges:Analysis	1083, 2516

# OCEANOGRAPHY SUBJECT INDEX

## INDEX/Title-(Cont.)

- |   |   |
|---|---|
| GULFS-Gulfs:Storm Surges:Computation<br>2154, 2157, 2639  | GULFS-Gulfs:Surface:Temperature<br>2242, 2259, 2568, 2613, 2699, 2708,<br>2728, 2756, 2760, 2772, 2807, 2866,<br>2913, 2927   |
| GULFS-Gulfs:Storm Surges:Damage<br>2171, 2234, 2258   | GULFS-Gulfs:Surface:Waves<br>2265, 2772, 2392, 2850   |
| GULFS-Gulfs:Storm Surges:Drilling; Plat-<br>forms<br>3071   | GULFS-Gulfs:Symposia<br>3042  |
| GULFS-Gulfs:Storm Surges:Engineering<br>2410, 2543  | GULFS-Gulfs:Temperature:Charts<br>2143  |
| GULFS-Gulfs:Storm Surges:Flooding<br>2756   | GULFS-Gulfs:Temperature:Observations<br>2132, 2283, 2359, 2708, 2728, 2750,<br>2760, 2807, 2860, 2882, 2884   |
| GULFS-Gulfs:Storm Surges:Forecasting<br>2356, 2889  | GULFS-Gulfs:Temperature:Ship Reports<br>2312  |
| GULFS-Gulfs:Storm Surges:Observations<br>2328   | GULFS-Gulfs:Temperature:Statistical Studies<br>2253   |
| GULFS-Gulfs:Storm Surges:Research Programs<br>2597  | GULFS-Gulfs:Temperature:Structure<br>2295   |
| GULFS-Gulfs:Storm Surges:Statistical Stud-<br>ies<br>2383, 2416   | GULFS-Gulfs:Temperature:Summaries<br>1648, 2184, 2185, 2186, 2242, 2251, 2259,<br>2272, 2297, 2359, 2379, 2474, 2567,<br>2568, 2626, 2642, 2643, 2670, 2699,<br>2716, 2739, 2741, 2760, 2772, 2866,<br>2913, 2927 |
| GULFS-Gulfs:Storm Surges:Summaries<br>2950, 2150, 2415, 2505  | GULFS-Gulfs:Temperature:Surface Effects<br>2164   |
| GULFS-Gulfs:Storm Surges:Symposia<br>2743   | GULFS-Gulfs:Tide Gages:Stations<br>2380   |
| GULFS-Gulfs:Storm Surges:Tides<br>1203  | GULFS-Gulfs:Tides:Analysis<br>2127, 2163, 2659  |
| GULFS-Gulfs:Stratification:Summaries<br>2850  | GULFS-Gulfs:Tides:Charts<br>2104  |
| GULFS-Gulfs:Structure:Analysis<br>2123, 2698  | GULFS-Gulfs:Tides:Forecasting<br>2673   |
| GULFS-Gulfs:Summaries<br>2114, 2118, 2125, 2205, 2251, 2285, 2286, 2300, 2313,<br>2317, 2352, 2361, 2362, 2405, 2432,<br>2454, 2511, 2567, 2584, 2591, 2670,<br>2678, 2713, 2727, 2761, 2801, 2918,<br>3034 | GULFS-Gulfs:Tides:Movement<br>2177  |
| GULFS-Gulfs:Surface:Chloroform Soluble<br>Components<br>2734  | GULFS-Gulfs:Tides:Observations<br>0599, 2098, 2140  |
| GULFS-Gulfs:Surface:Currents<br>2508, 2733, 2837  | GULFS-Gulfs:Tides:Summaries<br>0684, 2115, 2179, 2289, 2455, 2670   |
| GULFS-Gulfs:Surface:Heating<br>2239   | GULFS-Gulfs:Tides:Tables<br>2247  |
| GULFS-Gulfs:Surface:Salinity<br>2654, 2708, 2807  | GULFS-Gulfs:Transparency:Summaries<br>2199, 2294  |
| GULFS-Gulfs:Surface:Summaries<br>2455   | GULFS-Gulfs:Ultraviolet Absorption:Summar-<br>ies<br>2670   |
|   | GULFS-Gulfs:Underwater Exploration:Educa-<br>tion<br>3031   |

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

GULFS-Gulfs:Underwater Exploration:Photography 2909	GULFS-Gulfs:Waves:Summaries 1648, 2252, 2415, 2546, 2568, 2739, 3071
GULFS-Gulfs:Underwater Exploration:Submersibles(DEEPSTAR) 2861	GULFS-Gulfs:Yachting Guides 2217
GULFS-Gulfs:Underwater Recovery:Unmanned Submersibles(SORD) 2836	GULFS-Gulfs:Zinc:Activation Analysis 2566
GULFS-Gulfs:Upwelling:Analysis 2262, 2263, 2476	HARBORS-Harbors:Bibliographies 2287, 2334
GULFS-Gulfs:Upwelling:Dynamic Analysis 2365, 2763	HARBORS-Harbors:Charts 2944, 2945, 2948, 2966, 2975, 2985
GULFS-Gulfs:Upwelling:Summaries 2643, 2721, 2840	HARBORS-Harbors:Charts:Research Programs 3028
GULFS-Gulfs:Vertical Stability:Mixing 2189	HARBORS-Harbors:Currents:Sea/Air Interaction 0064
GULFS-Gulfs:Water Level:Variations 1055	HARBORS-Harbors:Depth:Tables 2142
GULFS-Gulfs:Water Masses:Budgets 2472	HARBORS-Harbors:Engineering:Models 2598
GULFS-Gulfs:Water Masses:Classification 2508	HARBORS-Harbors:Laboratory Methods 2327
GULFS-Gulfs:Water Masses:Summaries 2755	HARBORS-Harbors:Navigation:Charts 2898, 2906
GULFS-Gulfs:Water Masses:Transport 2472, 2473, 2508, 2756	HARBORS-Harbors:Oil Slicks:Statistical Studies 2450
GULFS-Gulfs:Waves:Design Data 3078	HARBORS-Harbors:Oil Tankers:Salvage 2923
GULFS-Gulfs:Waves:Energy 0931, 2279, 2280, 2298, 2300, 2533	HARBORS-Harbors:Pilot Guides 2137, 2139
GULFS-Gulfs:Waves:Engineering 2516	HARBORS-Harbors:Pollution:Oil Slicks 3069
GULFS-Gulfs:Waves:Forecasting 2234, 2256, 2344, 2392, 2490, 2576	HARBORS-Harbors:Salinity:Analysis 2477
GULFS-Gulfs:Waves:Observations 0959, 2041, 2311, 2372, 2766, 2850	HARBORS-Harbors:Soundings 0002
GULFS-Gulfs:Waves:Rile Loading 2248, 2299, 2339, 2340, 2363, 2648	HARBORS-Harbors:Storm Surges 2307
GULFS-Gulfs:Waves:Refraction 2533	HARBORS-Harbors:Summaries 2322, 2332, 2380
GULFS-Gulfs:Waves:Statistical Studies 2388, 2416	HARBORS-Harbors:Swells:Summaries 2329
GULFS-Gulfs:Waves:Step Gages 0954	HARBORS-Harbors:Tides:Analysis 2477
GULFS-(see next column)	HARBORS-Harbors:Tides:Summaries 2450
	HARBORS-Harbors:Water Masses:Classification 2282
	HARBORS-Harbors:Waves:Summaries 2450
	HARBORS-Seas:Harbors:Summaries 2121

# OCEANOGRAPHY SUBJECT INDEX

## THING/MIND-(Cont.)

OCEANS-Oceans:Bibliographies	2471	OCEANS-Oceans:Temperature:Summaries	2440, 2446, 2726
OCEANS-Oceans:Cruises:Summaries	2446, 2453, 2521, 2535, 2687	OCEANS-Oceans:Temperature:Thermopiles	2232
OCEANS-Oceans:Currents:Summaries	2149, 2407, 2455, 2521, 2615, 2721	OCEANS-Oceans:Waves:Forecasting	2455
OCEANS-Oceans:Depth:Currents	2455	OCEANS-Oceans:Waves:Movement	1626
OCEANS-Oceans:Depth:Waves	2455	OCEANS-Oceans:Waves:Summaries	2382
OCEANS-Oceans:Energy:Transport	2249	SEA LEVEL CANAL-Sea Level Canal:Water Masses:Transport	2917
OCEANS-Oceans:Pilot Guides	2155, 2224	SEAS-Seas:Aviation Guides	2198
OCEANS-Oceans:Radioactivity:Waste Disposal	2435	SEAS-Seas:Barium:Summaries	2779, 2805
OCEANS-Oceans:Salinity:Summaries	2446	SEAS-Seas:Bibliographies	2724, 2725, 2808
OCEANS-Oceans:Sea/Air Interaction	2293, 2295	SEAS-Seas:Carbon Dioxide:Summaries	2160
OCEANS-Oceans:Shorelines:Storm Surges	2324	SEAS-Seas:Charts	2731, 2844, 2845, 2846, 2847, 2858, 2859, 2860, 2933, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007
OCEANS-Oceans:Sound Propagation:Computation	2232	SEAS-Seas:Chemical Analysis	2196, 2565
OCEANS-Oceans:Sound Propagation:Summaries	2586, 2687, 2689	SEAS-Seas:Circulation:Summaries	2608
OCEANS-Oceans:Storm Surges:Analysis	2382	SEAS-Seas:Circulation:Thermodynamic Analysis	2524
OCEANS-Oceans:Storm Surges:Forecasting	0913, 2487	SEAS-Seas:Convection:Summaries	3033
OCEANS-Oceans:Storm Surges:Waves	2714	SEAS-Seas:Countercurrents:Summaries	2672
OCEANS-Oceans:Structure:Thermal Analysis	2232	SEAS-Seas:Cruises:Indexes	2838
OCEANS-Oceans:Summaries	2470, 2594	SEAS-Seas:Cruises:Research Programs	2902
OCEANS-Oceans:Surface:Currents	2228	SEAS-Seas:Cruises:Summaries	2433, 2436, 2445, 2448, 2453, 2456, 2458, 2475, 2530, 2535, 2538, 2571, 2572, 2612, 2613, 2631, 2655, 2658, 2661, 2703, 2704, 2705, 2816, 2817, 2819, 2839, 2851, 2872, 2916, 2925, 3052
OCEANS-Oceans:Surface:Silicate	2409	SEAS-Seas:Cruises:Tracks	2578, 2588, 2629, 2652, 2656, 2657, 2717, 2729, 2813
OCEANS-Oceans:Surface:Temperature	0939, 2726	SEAS-Seas:Currents:Computation	3066
OCEANS-Oceans:Surface:Waves	2455	SEAS-Seas:Currents:Descriptions	0073
OCEANS-Oceans:Temperature:Gradients	1813		
OCEANS-Oceans:Temperature:Statistical Studies	0285		



# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SEAS-Seas:Currents:Dynamic Analysis 2194	SEAS-Seas:Dynamic Heights:Summaries 2819
SEAS-Seas:Currents:Observations 1953, 2136, 2316	SEAS-Seas:Energy:Transport 2228
SEAS-Seas:Currents:Summaries 2067, 2094, 2305, 2407, 2538, 2669, 2672, 2738, 2819, 2910, 3049	SEAS-Seas:Engineering:Submarine Pens 2600
SEAS-Seas:Currents:Upwelling 2777	SEAS-Seas:Equipment:Research Programs 2890
SEAS-Seas:Density:Computation 2418	SEAS-Seas:Fleet Guides 3026
SEAS-Seas:Density:Summaries 2208, 2475	SEAS-Seas:Free Nitrogen:Summaries 2437
SEAS-Seas:Depth:Barium 2805	SEAS-Seas:Geomagnetism:Observations 2916
SEAS-Seas:Depth:Circulation 2484	SEAS-Seas:Gulf Stream Front:Structure 2335
SEAS-Seas:Depth:Convection 3033	SEAS-Seas:Gulf Stream Front:Temperature 2275
SEAS-Seas:Depth:Currents 2819	SEAS-Seas:Harbors:Summaries 2121
SEAS-Seas:Depth:Dynamic Heights 2819	SEAS-Seas:Heating:Budgets 2541
SEAS-Seas:Depth:Engineering 2600	SEAS-Seas:Heating:Transport 2541
SEAS-Seas:Depth:Luminescence 2468	SEAS-Seas:Hydrocarbon Summaries 2886
SEAS-Seas:Depth:Oxygen 2342	SEAS-Seas:Isohaline Layer:Thickness 2867
SEAS-Seas:Depth:Radiocarbon 2780	SEAS-Seas:Isothermal Layer:Thickness 2867
SEAS-Seas:Depth:Radium 2780	SEAS-Seas:Latent Heat:Statistical Studies 2865
SEAS-Seas:Depth:Salinity 2819, 3043	SEAS-Seas:Lateral Mixing:Summaries 2204
SEAS-Seas:Depth:Silicate 2409	SEAS-Seas:Light Polarization:Observations 2371
SEAS-Seas:Depth:Strontium 2651, 2805	SEAS-Seas:Light Polarization:Summaries 2371
SEAS-Seas:Depth:Summaries 2191	SEAS-Seas:Luminescence:Summaries 2468
SEAS-Seas:Depth:Temperature 2342, 2577, 2677, 2703, 2704, 2705, 2819, 3043	SEAS-Seas:Maps 2290, 2637
SEAS-Seas:Depth:Transparency 2336	SEAS-Seas:Mid-Depth:Barium 2779
SEAS-Seas:Depth:Underwater Recovery 2718	SEAS-Seas:Mid-Depth:Currents 2538, 2738
SEAS-Seas:Depth:Water Masses 2925	SEAS-Seas:Mid-Depth:Eddy Diffusion 2203
SEAS-Seas:Description 0089, 0289	SEAS-Seas:Mid-Depth:Sigma t 2904
SEAS-Seas:Downwelling:Summaries 2691	
SEAS-Seas:Drift:Bottle Paper 2250	

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SEAS-Seas:Navigation:Aviation	2209	SEAS-Seas:Observations:STD Instruments	2867, 2872
SEAS-Seas:Navigation:Charts	2068, 2069, 2071, 2092, 2117, 2124, 2145, 2148	SEAS-Seas:Observations:Spacecraft	3077
SEAS-Seas:Navigation:Education	2068	SEAS-Seas:Observations:Transducers	2717
SEAS-Seas:Navigation:Loran	2370	SEAS-Seas:Oxygen:Summaries	2202, 2325, 2436, 2475, 2661
SEAS-Seas:Navigation:Manuals	2100	SEAS-Seas:Particulate Matter:Observations	2404
SEAS-Seas:Navigation:Maps	2118	SEAS-Seas:Phosphorus:Summaries	2436
SEAS-Seas:Navigation:Ship Protection	1783	SEAS-Seas:Pilot Guides	2064, 2074, 2076, 2077, 2079, 2080, 2082, 2083, 2086, 2088, 2089, 2090, 2093, 2094, 2099, 2107, 2109, 2119, 2122, 2126, 2130, 2155, 2159, 2207, 2210, 2216, 2231, 2256, 2355, 2411, 2412, 2512
SEAS-Seas:Navigation:Ships	2084, 2085, 2087	SEAS-Seas:Pollution:Oil Spillage(OCEAN EAGLE)	2822
SEAS-Seas:Navigation:Shoran	2291	SEAS-Seas:Potential Temperature:Analysis	2491
SEAS-Seas:Nitrate:Summaries	2436	SEAS-Seas:Potential Temperature:Computation	2418
SEAS-Seas:Nuclide:Summaries	2536	SEAS-Seas:Propagation:Research Programs	2702
SEAS-Seas:Nutrient:Summaries	2810	SEAS-Seas:Radiation Temperature:Computation	2613
SEAS-Seas:Nutritive Element:Summaries	2686	SEAS-Seas:Radiocarbon:Summaries	2780
SEAS-Seas:Observations	1822, 2151	SEAS-Seas:Radium:Summaries	2780
SEAS-Seas:Observations:Bathythermographs	3043	SEAS-Seas:Research Facilities	2525, 2826, 3010
SEAS-Seas:Observations:Buoy(NAFI)	2773	SEAS-Seas:Research Programs	0961, 1136, 2459, 2580, 2833, 2851, 2893, 3011, 3012, 3013, 3016, 3017, 3018, 3019, 3063, 3073
SEAS-Seas:Observations:Chemical Analysis	2437, 2623	SEAS-Seas:Research Programs(CICAR)	2899, 3047, 3076
SEAS-Seas:Observations:Drift Bottles	3020	SEAS-Seas:Research Programs:Bibliographies	2431
SEAS-Seas:Observations:Fishing	2211	SEAS-Seas:Rivers:Discharge	2475
SEAS-Seas:Observations:Floating Platforms	1953	SEAS-Seas:Salinity:Analysis	2491
SEAS-Seas:Observations:Instruments	2517	SEAS-(see next page)	
SEAS-Seas:Observations:Radar	2225		
SEAS-Seas:Observations:Satellites	2809		
SEAS-Seas:Observations:Ship Reports	2193, 2213		

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SEAS-Seas:Salinity:Statistical Studies 2644	SEAS-Seas:Storm Surges:Propagation 2174
SEAS-Seas:Salinity:Summaries 2524, 2661, 2819, 3043	SEAS-Seas:Storm Surges:Ship Avoidance 0083
SEAS-Seas:Sampling:Cruises 2841	SEAS-Seas:Storm Surges:Ship Protection 2274, 2326
SEAS-Seas:Sea/Air Interaction 0454 0902, 2528, 2608, 2905	SEAS-Seas:Storm Surges:Summaries 2408, 2746
SEAS-Seas:Sea Blooms:Analysis 2428	SEAS-Seas:Storm Surges:Swells 2220
SEAS-Seas:Sea Level:Observations 2194	SEAS-Seas:Storm Surges:Temperature 2353
SEAS-Seas:Sea Level:Summaries 2563	SEAS-Seas:Storm Surges:Tidal Waves 0083
SEAS-Seas:Ships 3019	SEAS-Seas:Storm Surges:Tides 2226
SEAS-Seas:Ships:Equipment 2604	SEAS-Seas:Storm Surges:Upwelling 1473, 2878
SEAS-Seas:Sigma t:Summaries 2325, 2904	SEAS-Seas:Storm Surges:Waves 2220
SEAS-Seas:Silicate:Summaries 2436	SEAS-Seas:Strontium:Summaries 2651, 2805
SEAS-Seas:Sound Propagation:Kinematic Analysis 2749	SEAS-Seas:Summaries 2134, 2315, 2358, 2386, 2548, 2557, 2565, 2590, 2594, 2653, 2683, 2713
SEAS-Seas:Sound Propagation:Observations 2551, 2749	SEAS-Seas:Surface:Currents 2250, 2910, 3066
SEAS-Seas:Sound Propagation:Summaries 2623	SEAS-Seas:Surface:Salinity 2201
SEAS-Seas:Stability:Computation 2577	SEAS-Seas:Surface:Strontium 2651
SEAS-Seas:Stagnant Pools:Analysis 2384	SEAS-Seas:Surface:Temperature 0597, 0903, 2353, 2385, 2504, 2696, 2878, 2887
SEAS-Seas:Storm Surges 0854, 0855, 0856, 1904, 2520	SEAS-Seas:Swells:Propagation 2174
SEAS-Seas:Storm Surges:Damage 2033	SEAS-Seas:Swells:Summaries 2665
SEAS-Seas:Storm Surges:Descriptions 0557	SEAS-Seas:Symposia 2827, 3032
SEAS-Seas:Storm Surges:Downwelling 2878	SEAS-Seas:Temperature:Analysis 1862, 1863
SEAS-Seas:Storm Surges:Forecasting 2356	SEAS-Seas:Temperature:Charts 2201
SEAS-Seas:Storm Surges:Engineering 2391, 2754	SEAS-Seas:Temperature:Forecasting 2413
SEAS-Seas:Storm Surges:Microseism 2226	SEAS-Seas:Temperature:Observations 0145, 0960, 1082, 1949, 2677, 2705, 2878, 2887
SEAS-Seas:Storm Surges:Observations 0542, 0822	SEAS-Seas:Temperature:Statistical Studies 1393, 2644, 2696

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SEAS-Seas:Temperature:Summaries 2187,  
2327, 2364, 2445, 2475, 2577, 2623,  
2661, 2703, 2704, 2819, 3043

SEAS-Seas:Temperature:Synoptic Analysis  
2504

SEAS-Seas:Temperature:Thermocline 2777

SEAS-Seas:Territorial Waters:Jurisdiction  
2581

SEAS-Seas:Tides:Summaries 2094

SEAS-Seas:Transparency:Scattering 2631

SEAS-Seas:Transparency:Summaries 2199,  
2476

SEAS-Seas:Tsunamis:Summaries 2811

SEAS-Seas:Turbulence:Observations 2679

SEAS-Seas:Underwater Exploration:Bathy-  
scaphs 2820

SEAS-Seas:Underwater Exploration:Research  
Programs 2702, 2877

SEAS-Seas:Underwater Recovery:Submarines  
2666, 2718

SEAS-Seas:Underwater Exploration:Submers-  
ibles(DEEPSTAR) 3056

SEAS-Seas:Underwater Exploration:Submers-  
ibles(SEALAB) 3067

SEAS-Seas:Underwater Exploration:Submers-  
ibles(TEKTITE) 2901, 3041, 3050,  
3054, 3058, 3059, 3061, 3062, 3064,  
3067, 3068, 3074, 3075

SEAS-Seas:Unmanned Stations:Radioisotope  
Generators 2869

SEAS-Seas:Upwelling:Analysis 2547, 2618

SEAS-Seas:Upwelling:Summaries 2691

SEAS-Seas:Vertical Stability:Summaries  
2204

SEAS-Seas:Water Masses:Renewal 2925

SEAS-Seas:Water Masses:Summaries 2910

SEAS-Seas:Water Masses:Transport 2608,  
2777, 2917, 3036

SEAS-Seas:Wave Generation:Research Pro-  
grams 2875

SEAS-Seas:Waves:Descriptions 0557

SEAS-Seas:Waves:Forecasting 2338, 2506

SEAS-Seas:Waves:Run-Up 2665

SEAS-Seas:Waves:Summaries 2408

SEAS-Seas:Yachting Guides 2166, 2215,  
2217, 2319, 2562, 2599, 2736

SHORELINES-Gulfs:Shorelines 2645

SHORELINES-Gulfs:Shorelines:Bibliographies  
2331

SHORELINES-Gulfs:Shorelines:Charts 2111,  
2112

SHORELINES-Gulfs:Shorelines:Classification  
2269

SHORELINES-Gulfs:Shorelines:Research Pro-  
grams 2292

SHORELINES-Gulfs:Shorelines:Summaries  
1421

SHORELINES-Gulfs:Shorelines:Waves 2427

SHORELINES-Oceans:Shorelines:Storm Surges  
2324

SHORELINES-Shorelines:Acidity/Alkalinity:  
Summaries 2485

SHORELINES-Shorelines:Bibliographies  
2173, 2804

SHORELINES-Shorelines:Calcium:Summaries  
2513, 2610

SHORELINES-Shorelines:Charts 2732, 2745,  
2786, 2787, 2788, 2790, 2791,  
2792, 2794, 2795, 2796, 2799,  
2800, 2894, 2929, 2930, 2934,  
2936, 2938, 2939, 2940, 2943,  
2946, 2947, 2949, 2952, 2953,  
2959, 2961, 2962, 2963, 2964,  
2965, 2967, 2968, 2969, 2970,  
2973, 2974, 2976, 2977, 2978,  
2979, 2980, 2982, 2983, 2989,  
2990, 2991, 2993, 2994, 2995,  
2996, 3024, 3025, 3027, 3029,  
3030

SHORELINES-Shorelines:Circulation:Drift  
Bottles 2494

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SHORELINES-Shorelines:Circulation:Observations 2545	SHORELINES-Shorelines:Depth:Pressure 2711, 2783
SHORELINES-Shorelines:Classification 2292	SHORELINES-Shorelines:Depth:Salinity 2681, 2915
SHORELINES-Shorelines:Conferences 2284, 2438	SHORELINES-Shorelines:Depth:Temperature 2603, 2915
SHORELINES-Shorelines:Cruises:Summaries 2420, 2513, 2514, 2515, 2530, 2603, 2676, 2769, 2784, 2870, 2885, 2907	SHORELINES-Shorelines:Depth:Tidal Currents 2730
SHORELINES-Shorelines:Currents:Convergence 2308, 2400	SHORELINES-Shorelines:Depth:Waves 2345, 2346, 2347, 2348, 2349
SHORELINES-Shorelines:Currents:Damage 2178	SHORELINES-Shorelines:Engineering:Breakwaters 2266
SHORELINES-Shorelines:Currents:Divergence 2855	SHORELINES-Shorelines:Engineering:Conferences 2245
SHORELINES-Shorelines:Currents:Drift Bottles 2496	SHORELINES-Shorelines:Engineering:Pipelines 2815
SHORELINES-Shorelines:Currents:Eddies 2308	SHORELINES-Shorelines:Flooding:Engineering 2492
SHORELINES-Shorelines:Currents:Heating 2375	SHORELINES-Shorelines:Geomagnetism:Observations 2748
SHORELINES-Shorelines:Currents:Observations 2197, 2509, 2587, 2606, 3070	SHORELINES-Shorelines:Hydrogen Peroxide:Summaries 2700
SHORELINES-Shorelines:Currents:Research Programs 2601	SHORELINES-Shorelines:Ion:Migration 2681
SHORELINES-Shorelines:Currents:Statistical Studies 2583	SHORELINES-Shorelines:Jurisdiction 2489, 2802
SHORELINES-Shorelines:Currents:Summaries 2357, 2420, 2582, 2605, 2674, 2769, 2891, 3057	SHORELINES-Shorelines:Littoral System:Summaries 2624
SHORELINES-Shorelines:Currents:Synoptic Analysis 2855	SHORELINES-Shorelines:Magnesium:Summaries 2523, 2610
SHORELINES-Shorelines:Demarcation Lines 2797	SHORELINES-Shorelines:Maps 2219, 2227
SHORELINES-Shorelines:Density:Summaries 2628	SHORELINES-Shorelines:Mid-Depth:Currents 2582, 2891, 3057, 3070
SHORELINES-Shorelines:Depth:Currents 2509, 2601, 2674	SHORELINES-Shorelines:Mid-Depth:Salinity 2562, 2676, 2842
SHORELINES-Shorelines:Depth:Geomagnetism 2748	SHORELINES-Shorelines:Mid-Depth:Summaries 2853
	SHORELINES-Shorelines:Mid-Depth:Temperature 2582, 2676, 2842
	SHORELINES-Shorelines:Mid-Depth:Waves 2667

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

SHORELINES-Shorelines:Naval Operations  
3079

SHORELINES-Shorelines:Navigation:Manuals  
2682

SHORELINES-Shorelines:Navigation:Maps  
2235

SHORELINES-Shorelines:Navigation:Markers  
2682, 2857

SHORELINES-Shorelines:Navigation:Signals  
2443

SHORELINES-Shorelines:Nitrate:Chemical  
Analysis 2522

SHORELINES-Shorelines:Nitrate:Summaries  
2420, 2522

SHORELINES-Shorelines:Nutrient:Summaries  
2832

SHORELINES-Shorelines:Observations 2105,  
2106, 2223

SHORELINES-Shorelines:Observations:Instru-  
ments 2488, 2502

SHORELINES-Shorelines:Observations:Photom-  
etry 2610

SHORELINES-Shorelines:Observations:Radar  
2225

SHORELINES-Shorelines:Observations:Research  
Programs 2903

SHORELINES-Shorelines:Observations:Ship  
Reports 2101

SHORELINES-Shorelines:Observations:Ships  
2830

SHORELINES-Shorelines:Observations:Stations  
2841

SHORELINES-Shorelines:Observations:Titra-  
tion 2523

SHORELINES-Shorelines:Observations:Unman-  
ned Stations 2804, 2888

SHORELINES-Shorelines:Phosphorus:Summaries  
2760, 2761

SHORELINES-Shorelines:Photography:Space-  
craft 2708

SHORELINES-Shorelines:Pilot Guides 2138,  
2156, 2159, 2167, 2170, 2230,  
2265, 2355, 2512, 2569, 2793

SHORELINES-Shorelines:Pollution:Oil Slicks  
3069

SHORELINES-Shorelines:Pollution:Summaries  
2301

SHORELINES-Shorelines:Potassium:Summaries  
2610

SHORELINES-Shorelines:Pressure:Spectral  
Analysis 2711

SHORELINES-Shorelines:Pressure:Summaries  
2783

SHORELINES-Shorelines:Radioactivity:Waste  
Disposal 2435

SHORELINES-Shorelines:Research Facilities  
2874

SHORELINES-Shorelines:Research Programs  
2503, 2675

SHORELINES-Shorelines:Resources:Jurisdic-  
tion 2864

SHORELINES-Shorelines:Rivers:Discharge  
2354

SHORELINES-Shorelines:Rubidium:Summaries  
2610

SHORELINES-Shorelines:Salinity:Forecasting  
2564

SHORELINES-Shorelines:Salinity:Observations  
2676

SHORELINES-Shorelines:Salinity:Summaries  
2354, 2420, 2429, 2467, 2485,  
2509, 2582, 2628, 2681, 2769,  
2842, 2907, 2915

SHORELINES-Shorelines:Salinity:Transport  
2564

SHORELINES-Shorelines:Sea Level:Summaries  
2188, 2273, 2360, 2422, 2583

SHORELINES-Shorelines:Ships:Equipment  
2596

SHORELINES-Shorelines:Sigma t:Summaries  
2707

SHORELINES-Shorelines:Sodium:Summaries  
2610

# OCEANOGRAPHY SUBJECT INDEX

## THING/KIND-(Cont.)

- SHORELINES-Shorelines:Sound Propagation:  
Analysis 2481
- SHORELINES-Shorelines:Sound Propagation:  
Scattering 2462
- SHORELINES-Shorelines:Sound Propagation:  
Summaries 2310, 2561
- SHORELINES-Shorelines:Soundings:Trans-  
ducers 2462
- SHORELINES-Shorelines:Stability Shear  
Stress:Analysis 2465
- SHORELINES-Shorelines:Storm Surges:Analy-  
sis 2424, 2425
- SHORELINES-Shorelines:Storm Surges:Bibli-  
ographies 2660
- SHORELINES-Shorelines:Storm Surges:Compu-  
tation 2553
- SHORELINES-Shorelines:Storm Surges:Damage  
1016, 2153, 2178, 2712, 2747
- SHORELINES-Shorelines:Storm Surges:Engi-  
neering 2553, 2692, 2715
- SHORELINES-Shorelines:Storm Surges:Flood-  
ing 0083, 2401, 2402, 2492,  
2719, 2770, 2771
- SHORELINES-Shorelines:Storm Surges:Fore-  
casting 2376, 2537, 2576,  
2593
- SHORELINES-Shorelines:Storm Surges:Hydro-  
dynamic Analysis 2715
- SHORELINES-Shorelines:Storm Surges:Pres-  
sure 2711
- SHORELINES-Shorelines:Storm Surges:Summar-  
ies 2397, 2715
- SHORELINES-Shorelines:Storm Surges:Waves  
2722
- SHORELINES-Shorelines:Strontium:Summaries  
2610
- SHORELINES-Shorelines:Structure:Sound  
Propagation 2461
- SHORELINES-Shorelines:Submerged Lands:  
Jurisdiction 2781
- SHORELINES-Shorelines:Sulphate:Summaries  
2523
- SHORELINES-Shorelines:Summaries 2096,  
2110, 2243, 2318, 2369, 2441,  
2519, 2625
- SHORELINES-Shorelines:Surf:Statistical  
Studies 2403
- SHORELINES-Shorelines:Surf:Summaries  
2834
- SHORELINES-Shorelines:Surface:Currents  
2496, 2509, 2587, 2606, 2769
- SHORELINES-Shorelines:Surface:Hydrogen Per-  
oxide 2700
- SHORELINES-Shorelines:Surface:Salinity  
2354, 2603, 2907
- SHORELINES-Shorelines:Surface:Sigma t  
2907
- SHORELINES-Shorelines:Surface:Temperature  
2333, 2374, 2420, 2495, 2603,  
2907
- SHORELINES-Shorelines:Swells:Summaries  
3035
- SHORELINES-Shorelines:Temperature:Observa-  
tions 2676, 2870
- SHORELINES-Shorelines:Temperature:Summaries  
2333, 2354, 2420, 2485, 2527,  
2582, 2621, 2628, 2769, 2842,  
2907, 2915
- SHORELINES-Shorelines:Territorial Waters:  
Jurisdiction 2753
- SHORELINES-Shorelines:Thermocline:Summaries  
2527
- SHORELINES-Shorelines:Tidal Currents:Har-  
monic Analysis 2730
- SHORELINES-Shorelines:Tidal Currents:Obser-  
vations 2730
- SHORELINES-Shorelines:Tidal Currents:Spec-  
tral Analysis 2730
- SHORELINES-Shorelines:Tidal Currents:Sum-  
maries 2784
- SHORELINES-Shorelines:Tides:Currents  
2420

# OSTEOGRAPHY SUBJECT INDEX

## THIRD/NAME-(Cont.)

SHORELINES-Shorelines:Tides:Forecasting  
2376

SHORELINES-Shorelines:Tides:Movement  
2426

SHORELINES-Shorelines:Tides:Summaries  
2397, 2402

SHORELINES-Shorelines:Transparency:Sum-  
maries 2463

SHORELINES-Shorelines:Turbulence:Summar-  
ies 2485

SHORELINES-Shorelines:Underwater Explora-  
tion:Research Programs 2498

SHORELINES-Shorelines:Underwater Explora-  
tion:Submersibles(CREPSTAR)  
2911

SHORELINES-Shorelines:Upwelling:Analysis  
2671

SHORELINES-Shorelines:Upwelling:Summaries  
2649

SHORELINES-Shorelines:Water Masses:Trans-  
port 2375

SHORELINES-Shorelines:Waves:Energy 2427

SHORELINES-Shorelines:Waves:Microseisms  
2497, 2544

SHORELINES-Shorelines:Waves:Movement  
2345, 2346, 2347, 2348, 2349

SHORELINES-Shorelines:Waves:Spectral  
Analysis 2497, 2544, 2647,  
2722

SHORELINES-Shorelines:Waves:Statistical  
Analysis 2722

SHORELINES-Shorelines:Waves:Statistical  
Studies 2403

SHORELINES-Shorelines:Yachting Guides  
2895

STRAITS-Straits:Charts 2981, 3023

STRAITS-Straits:Chemical Analysis 2146

STRAITS-Straits:Copper:Summaries 2585

STRAITS-(see next column)

STRAITS-Straits:Cruises:Research Programs  
2343

STRAITS-Straits:Cruises:Summaries 2373,  
2457, 2482, 2517, 2514, 2515, 2529

STRAITS-Straits:Currents:Analysis 2163

STRAITS-Straits:Currents:Convergence  
2493

STRAITS-Straits:Currents:Dynamic Analysis  
2539

STRAITS-Straits:Currents:Models 2739

STRAITS-Straits:Currents:Momentum 2617

STRAITS-Straits:Currents:Observations  
2131, 2397, 2466, 2509

STRAITS-Straits:Currents:Potential Vorti-  
city 2694

STRAITS-Straits:Currents:Research Programs  
2695

STRAITS-Straits:Currents:Stability 2758

STRAITS-Straits:Currents:Summaries 2152,  
2261, 2276, 2309, 2351, 2381,  
2638, 2640, 2664, 2726

STRAITS-Straits:Currents:Velocity 2238  
2286

STRAITS-Straits:Currents:Vorticity 2271

STRAITS-Straits:Depth:Countercurrents  
2554

STRAITS-Straits:Depth:Fouling 3042

STRAITS-Straits:EM Currents:Summaries  
2233

STRAITS-Straits:Fouling:Summaries 3042

STRAITS-Straits:Geomagnetism:Electric  
Potential 2304, 2309

STRAITS-Straits:Geostrophy:Currents  
2534

STRAITS-Straits:Iron:Summaries 2485

STRAITS-Straits:Magnetism:Observations  
2172

STRAITS-Straits:Nutrient:Summaries 2542



# DESCRIPTIVE SUBJECT INDEX

## TRINIDAD (Cont.)

## STRAITS-Straits:Water:Energy 2766

STRAITS-Straits:Observations:Fixed Stations 2145

STRAITS-Straits:Oxygen:Summaries 2309, 2351

STRAITS-Straits:Nickel:Summaries 2585

STRAITS-Straits:Salinity:Summaries 2381, 2302, 2351

STRAITS-Straits:Sea Level:Heights 2341

STRAITS-Straits:Sea Level:Observations 2214

STRAITS-Straits:Sigma t:Summaries 2359

STRAITS-Straits:Sound Propagation:Models 2720

STRAITS-Straits:Sound Propagation:Summaries 2575, 2634, 2662, 2697, 2720, 2785

STRAITS-Straits:Stability:Currents 2758

STRAITS-Straits:Summaries 2309, 2344, 2414

STRAITS-Straits:Surface:Currents 2493, 2529, 2647

STRAITS-Straits:Swells:Summaries 2373

STRAITS-Straits:Temperature:Analysis 2180

STRAITS-Straits:Temperature:Charts 2143

STRAITS-Straits:Temperature:Summaries 2108, 2175, 2276, 2281, 2309, 2373

STRAITS-Straits:Tides:Summaries 2271

STRAITS-Straits:Underwater Exploration 2434

STRAITS-Straits:Upwelling:Observations 2419

STRAITS-Straits:Water Masses:Summaries 2444

STRAITS-Straits:Water Masses:Transport 2304, 2309, 2351, 2638, 2689, 2919

OCEANOGRAPHY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vii

OCEANOGR. GEOG. ALPHA KEY

OCEANOGRAPHY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

Place	See	Place	See
ALABAMA-----	NORTH AMERICAN COAST	Corpus Christi Bay-----	GULF OF MEXICO
Alafia River-----	FLORIDA	Corpus Christi Harbor-----	GULF OF MEXICO
Alligator Harbor-----	GULF OF MEXICO	COSTA RICA-----	CENTRAL AMERICAN COAST
Anegada Passage-----	CARIBBEAN SEA	Cristobal-----	PANAMA Canal Zone
Antigua-----	LEEWARD ISLANDS REGION	CUBA REGION-----	GREATER ANTILLES
Antilles-----	GREATER ANTILLES and LESSER ANTILLES	Cumaná-----	VENEZUELA
Apalachicola Bay-----	GULF OF MEXICO	Curaçao-----	NETHERLANDS ANTILLES REGION
Arcas Reef-----		Dominican Republic-----	HISPANIOLA REGION
Aruba-----	NETHERLANDS ANTILLES REGION	Dry Tortugas-----	FLORIDA
Atchafalaya Bay-----	GULF OF MEXICO	Eastern Caribbean Sea-----	CARIBBEAN SEA
Aves Ridge-----	CARIBBEAN SEA	Eastern Florida-----	FLORIDA
Baffin Bay-----	GULF OF MEXICO	Eastern Gulf of Mexico-----	GULF OF MEXICO
Barbados-----	LESSER ANTILLES	Eastern North American Coast-----	NORTH AMERICAN COAST
Barbuda-----	LEEWARD ISLANDS REGION	Eastern Puerto Rico Region-----	PUERTO RICO REGION
Baton Rouge-----	LOUISIANA	Eastern Venezuela-----	VENEZUELA
Bay Marchand-----	GULF OF MEXICO	Ensenada Honda-----	PUERTO RICO REGION
Bay of Campeche-----	GULF OF MEXICO	Fajardo Bay-----	PUERTO RICO REGION
Bay of Honduras [variant]-----	CARIBBEAN SEA Gulf of Honduras	Penholloway Estuary-----	FLORIDA
Biscayne Bay-----	STRAITS OF FLORIDA	FLORIDA-----	NORTH AMERICAN COAST
Blind Bay-----	GULF OF MEXICO	Florida Bay-----	GULF OF MEXICO
Bluefields-----	NICARAGUA	Florida Keys-----	FLORIDA
Boca de Monos-----	LESSER ANTILLES Trinidad	Fowey Rocks-----	FLORIDA
Breton Sound-----	GULF OF MEXICO	French Antilles-----	LEEWARD ISLANDS REGION
BRITISH HONDURAS-----	CENTRAL AMERICAN COAST	Guadeloupe [and dependencies]-----	
Calabozo Bay-----	CARIBBEAN SEA	St. Martin (French)-----	
Campeche Bank-----	GULF OF MEXICO	WINDWARD ISLANDS REGION	
Canal Zone-----	PANAMA	Martinique [and dependencies]-----	
Caplen-----	TEXAS		
Cariaco Basin-----	CARIBBEAN SEA		
Cariaco Trench [variant]-----	CARIBBEAN SEA Cariaco Basin	Galeta Island-----	PANAMA Canal Zone
CARIBBEAN SEA-----	TROPICS	Galveston-----	TEXAS
Cayman Basin-----	CARIBBEAN SEA	Galveston Bay-----	GULF OF MEXICO
Cayman Ridge-----	CARIBBEAN SEA	Grand Bay-----	GULF OF MEXICO
Cayman Trench-----	CARIBBEAN SEA	Grand Island-----	LOUISIANA
Cayman Trough-----	CARIBBEAN SEA	Grand Isle-----	LOUISIANA
CENTRAL AMERICAN COAST-----	TROPICS	Great Lameshur Bay-----	LEEWARD ISLANDS REGION
Central Gulf of Mexico-----	GULF OF MEXICO		Virgin Islands
Chandeleur Sound-----	GULF OF MEXICO	GREATER ANTILLES-----	CARIBBEAN SEA
Christiansted Harbor-----	LEEWARD ISLANDS REGION	Grenada-----	WINDWARD ISLANDS REGION
	Virgin Islands St. Croix Island	Guánica Bay-----	PUERTO RICO REGION
Cienfuegos Bay-----	CUBA REGION	Guantanamo Bay-----	CUBA REGION
Coche Island-----	VENEZUELA	GUATEMALA-----	CENTRAL AMERICAN COAST
COLOMBIA-----	SOUTH AMERICAN COAST	Gulf of Batabanó-----	CUBA REGION
Colombian Basin-----	CARIBBEAN SEA	Gulf of Cariaco-----	CARIBBEAN SEA
Corpus Christi-----	TEXAS	Gulf of Darien-----	CARIBBEAN SEA
		Gulf of Honduras-----	CARIBBEAN SEA
		Gulf of Maracaibo-----	(cont.)

OCEANOGRAPHY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

<u>Place</u>	<u>See</u>	<u>Place</u>	<u>See</u>
Gulf of Maracaibo (cont.)		Montserrat-----	LEEWARD ISLANDS
[variant]-----	CARIBBEAN SEA		REGION
	Gulf of Venezuela	Navassa Island-----	CARIBBEAN SEA
GULF OF MEXICO-----	TROPICS	NETHERLANDS ANTILLES	
Gulf of Paria-----	CARIBBEAN SEA	REGION-----	LESSER ANTILLES
Gulf of Venezuela-----	CARIBBEAN SEA	New Orleans Harbor-----	GULF OF MEXICO
Gulfport-----	MISSISSIPPI	NICARAGUA-----	CENTRAL AMERICAN
Haiti-----	HISPANIOLA REGION		COAST
Hillsborough River-----	FLORIDA	Nicaraguan Rise-----	CARIBBEAN SEA
HISPANIOLA REGION-----	GREATER ANTILLES	NORTH AMERICAN COAST-----	TROPICS
HONDURAS-----	CENTRAL AMERICAN	Northeastern Gulf of	
	COAST	Mexico-----	GULF OF MEXICO
Houston-----	TEXAS	Northern Gulf of	
Houston Ship Channel-----	GULF OF MEXICO	Mexico-----	GULF OF MEXICO
Indian Key-----	FLORIDA	Northwestern Florida-----	FLORIDA
Intracoastal Waterway-----	GULF OF MEXICO	Northwestern Gulf of	
JAMAICA REGION-----	GREATER ANTILLES	Mexico-----	GULF OF MEXICO
Jungfern Passage		Ocean Spring-----	MISSISSIPPI
[variant]-----	CARIBBEAN SEA	Ochlockonee Bay-----	GULF OF MEXICO
	Anegada Passage	Orinoco River-----	VENEZUELA
Key West-----	FLORIDA	Oyster Bay-----	JAMAICA REGION
Key West Harbor-----	GULF OF MEXICO	PANAMA-----	CENTRAL AMERICAN
Kingston Harbor-----	JAMAICA REGION		COAST
Kingsville-----	TEXAS	Panama City-----	FLORIDA
Laguna de Términos-----	GULF OF MEXICO	Paraguana-----	VENEZUELA
Laguna Madre-----	GULF OF MEXICO	Pascagoula Harbor-----	GULF OF MEXICO
Lake Borgne-----	GULF OF MEXICO	Pedro Bank-----	JAMAICA REGION
Lake Charles-----	GULF OF MEXICO	Pensacola Bay-----	GULF OF MEXICO
Lake Maracaibo-----	CARIBBEAN SEA	Pensacola Harbor-----	GULF OF MEXICO
Lake Maurepas-----	GULF OF MEXICO	Ponce Bay-----	PUERTO RICO REGION
Lake Okeechobee-----	FLORIDA	Port of Spain-----	LESSER ANTILLES
Lake Pontchartrain-----	GULF OF MEXICO		Trinidad
Levaca Bay-----	GULF OF MEXICO	Portobelo-----	PANAMA
LEEWARD ISLANDS REGION-----	LESSER ANTILLES	Puerto Limón-----	COSTA RICA
LESSER ANTILLES-----	CARIBBEAN SEA	Puerto Maunabo-----	PUERTO RICO REGION
Loggerhead Key-----	FLORIDA	PUERTO RICO REGION-----	GREATER ANTILLES
LOUISIANA-----	NORTH AMERICAN COAST	Redfish Bay-----	GULF OF MEXICO
Manatee River-----	FLORIDA	Río Humacao-----	PUERTO RICO REGION
Martinique		Río Turabo-----	PUERTO RICO REGION
dependencies]-----	WINDWARD ISLANDS	Río Valenciano-----	PUERTO RICO REGION
	REGION	Road Town-----	LEEWARD ISLANDS
Matagorda Bay-----	GULF OF MEXICO		REGION
Matamoros-----	MEXICO		Virgin Islands
Matanzas Bay-----	CUBA REGION	Roosevelt Roads-----	PUERTO RICO REGION
Mayagüez Bay-----	PUERTO RICO REGION	Sabine Lake-----	GULF OF MEXICO
MEXICO-----	CENTRAL AMERICAN	Sabine Pass-----	GULF OF MEXICO
	COAST	St. Andrew Bay-----	GULF OF MEXICO
Miami-----	FLORIDA	St. Croix Island-----	LEEWARD ISLANDS
MISSISSIPPI-----	NORTH AMERICAN COAST		REGION
Mississippi Delta-----	LOUISIANA		Virgin Islands
Mississippi River-----	LOUISIANA	St. George's Harbor-----	WINDWARD ISLANDS
Mississippi River-Gulf			REGION
Outlet Canal-----	GULF OF MEXICO		Grenada
Mississippi Sound-----	GULF OF MEXICO	St. Joseph Bay-----	GULF OF MEXICO
Mobile Bay-----	GULF OF MEXICO	St. Joseph Sound-----	GULF OF MEXICO
Mochima Bay-----	CARIBBEAN SEA	St. Thomas Island-----	LEEWARD ISLANDS
Mona Island-----	PUERTO RICO REGION		REGION
Mona Passage-----	CARIBBEAN SEA		Virgin Islands
Montego Bay-----	JAMAICA REGION	St. Vincent-----	WINDWARD ISLANDS

OCEANOGRAPHY GEOGRAPHICAL INDEX  
[ALPHABETICAL KEY]

<u>Place</u>	<u>See</u>	<u>Place</u>	<u>See</u>
St. Vincent (cont.)---	REGION	Xcalak Narrows-----	CARIBBEAN SEA
San Juan-----	PUERTO RICO REGION	Yucatan-----	MEXICO
San Juan Bay-----	PUERTO RICO REGION	Yucatan Basin-----	CARIBBEAN SEA
Santa Marta-----	COLOMBIA	YUCATAN CHANNEL-----	SOUTH AMERICAN COAST
Santa Rosa Island-----	FLORIDA		
Schottegat-----	NETHERLANDS ANTILLES REGION		
Sint Anna Bay-----	NETHERLANDS ANTILLES REGION		
SOUTH AMERICAN COAST---	TROPICS		
Southeastern Caribbean Sea-----	CARIBBEAN SEA		
Southeastern Gulf of Mexico-----	GULF OF MEXICO		
Southern Caribbean Sea-	CARIBBEAN SEA		
Southern Florida-----	FLORIDA		
Southern Gulf of Mexico-----	GULF OF MEXICO		
Southern Jamaica Region-----	JAMAICA REGION		
Southern Puerto Rico Region-----	PUERTO RICO REGION		
Southwest Pass-----	LOUISIANA		
Southwestern Louisiana-	LOUISIANA		
STRAITS OF FLORIDA----	TROPICS		
Swan Islands-----	CARIBBEAN SEA		
Tallahassee-----	FLORIDA		
Tampa Bay-----	GULF OF MEXICO		
Tampico-----	MEXICO		
Terrebonne Bay-----	GULF OF MEXICO		
TEXAS-----	NORTH AMERICAN COAST		
Texas City-----	TEXAS		
Timbalier Bay-----	GULF OF MEXICO		
Tobago-----	LESSER ANTILLES		
Tortola Island-----	LEEWARD ISLANDS REGION		
Trinidad-----	Virgin Islands LESSER ANTILLES		
Unare Lagoon-----	CARIBBEAN SEA		
Unare River-----	VENEZUELA		
VENEZUELA-----	SOUTH AMERICAN COAST		
Venezuelan Basin-----	CARIBBEAN SEA		
Veracruz-----	MEXICO		
Veraguas-----	PANAMA		
Vermilion Bay-----	GULF OF MEXICO		
Vieques Island-----	PUERTO RICO REGION		
Virgin Islands-----	LEEWARD ISLANDS REGION		
Waccasassa Estuary----	FLORIDA		
West Indies-----	CARIBBEAN SEA		
Western Caribbean Sea--	CARIBBEAN SEA		
Western Cuba Region---	CUBA REGION		
Western Florida-----	FLORIDA		
Western Gulf of Mexico-	GULF OF MEXICO		
Westex. Puerto Rico Region-----	PUERTO RICO REGION		
WINDWARD ISLANDS REGION-----	LESSER ANTILLES		
Windward Passage-----	CARIBBEAN SEA		

OCEANOGRAPHY GEOGRAPHICAL INDEX

INSTRUCTIONS ON USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. vii

# OCEANIC GEOGRAPHICAL INDEX

TROPICS 0028, 0557, 0703, 0822, 0854,  
0855, 0902, 0939, 0960, 0961, 1626,  
1813, 1816, 1873, 1995, 2022, 2031,  
2037, 2038, 2054, 2174, 2178, 2220,  
2228, 2315, 2324, 2338, 2391, 2402,  
2487, 2506, 2552, 2557, 2593, 2604,  
2683, 2712, 2714, 2715, 2743, 2746,  
2754, 2763, 2773, 2777, 2878, 2926,  
3076, 3077

CARIBBEAN SEA 0017, 0083, 0089, 0285,  
0289, 0454, 0597, 0856, 0903, 1136,  
1393, 1904, 2033, 2053, 2064, 2065,  
2066, 2067, 2071, 2072, 2074, 2076,  
2079, 2082, 2083, 2084, 2085, 2086,  
2088, 2089, 2090, 2093, 2094, 2099,  
2100, 2103, 2107, 2109, 2117, 2119,  
2120, 2121, 2122, 2124, 2126, 2130,  
2134, 2136, 2145, 2148, 2151, 2155,  
2166, 2187, 2191, 2193, 2194, 2196,  
2199, 2202, 2203, 2204, 2207, 2208,  
2210, 2213, 2217, 2226, 2231, 2250,  
2286, 2290, 2303, 2312, 2316, 2319,  
2325, 2327, 2342, 2353, 2355, 2356,  
2358, 2390, 2407, 2408, 2409, 2412,  
2418, 2428, 2430, 2433, 2443, 2445,  
2446, 2448, 2453, 2456, 2458, 2468,  
2469, 2470, 2484, 2491, 2504, 2517,  
2520, 2528, 2535, 2536, 2540, 2541,  
2547, 2548, 2572, 2577, 2580, 2586,  
2588, 2589, 2594, 2599, 2601, 2608,  
2612, 2613, 2616, 2617, 2618, 2623,  
2629, 2631, 2637, 2644, 2651, 2652,  
2653, 2656, 2657, 2660, 2661, 2665,  
2669, 2672, 2691, 2696, 2702, 2704,  
2713, 2717, 2729, 2736, 2738, 2755,  
2779, 2780, 2805, 2808, 2813, 2817,  
2826, 2827, 2836, 2838, 2839, 2844,  
2846, 2847, 2849, 2851, 2853, 2855,  
2857, 2858, 2859, 2860, 2865, 2887,  
2891, 2893, 2899, 2902, 2905, 2910,  
2916, 2925, 2926, 3019, 3020, 3027,  
3032, 3035, 3036, 3047, 3049, 3056,  
3063, 3066, 3073

Anegada Passage 2915, 2925

Aves Ridge 2677

Bay of Honduras [variant], see Gulf of Honduras

Calabozo Bay 2609

Cariaco Basin 2364, 2384, 2404,  
2409, 2436, 2437, 2476, 2524,  
2578, 2602, 2618, 2686, 2810,  
2886, 2904

Cariaco Trench [variant], see Cariaco Basin

Cayman Basin 2577, 2644, 2704,  
2704, 2705, 3033,

Cayman Ridge 2658

Cayman Trench 3043

Cayman Trough 2196, 2658

## CARIBBEAN SEA (cont.)

Coastal waters, see CENTRAL AMERICAN COAST -- Off coast and VENEZUELA -- Off coast

Colombian Basin 2577, 2644, 2658

Eastern Caribbean Sea 0236, 2201,  
2370, 2385, 2436, 2578, 2749,  
2811, 2867, 3052

Gulf of Cariacc 2436, 2473, 2474,  
2476, 2478, 2602, 2740, 2741,  
2774, 3019

Gulf of Darien 2649

Gulf of Honduras 2086, 2103

Gulf of Maracaibo [variant], see Gulf of Venezuela

Gulf of Paria 2216, 2475

Gulf of Venezuela 2573, 2607,  
2609

Jungfern Passage [variant], see Anegada Passage

Lake Maracaibo 2573, 2607, 2844,  
2845, 2846

Mochima Bay 2476

Mona Passage 2216

Navassa Island 2933

Nicaraguan Rise 2658

Southeastern Caribbean Sea 2475

Southern Caribbean Sea 2725

Swan Islands 2459

Unare Lagoon 2602

Venezuelan Basin 2577, 2644, 2658,  
2703, 2704, 2915

Western Caribbean Sea 0542, 2532,  
2917

Windward Passage 2065, 2066, 2074,  
2925

Xcalak Narrows 2159

Yucatan Basin 2577, 2644, 2658

GREATER ANTILLES 2069, 2521, 2538  
2731, 2736

CUBA REGION 0063, 0089, 2066,  
2067, 2091, 2235, 2431, 2439,  
2655, 2680, 2691, 2809, 2816,  
2841

Cienfuegos Bay 2814

Guantanamo Bay 1737

Gulf of Batabanó 2396, 2423

Matanzas Bay 2600

Off coast 2842

Western Cuba Region 2485,  
2519

JAMAICA REGION 0002, 2066, 2137,  
2139, 3014

Kingston Harbor 2274

Montego Bay 2818

# OCEANOGRAPHY GEOGRAPHICAL INDEX

## CARIBBEAN SEA GREATER ANTILLES JAMAICA REGION (Cont.)

Oyster Bay 2818, 2920, 2921,  
2922  
Pedro Bank 2530  
Southern Jamaica Region 2732  
  
HISPANIOLA REGION 2066, 2070, 2687,  
3025  
  
Dominican Republic 2581, 2898,  
3012, 3028  
Haiti 2155, 2326

PUERTO RICO REGION 0089, 0597,  
0613, 2099, 2142, 2155, 2231,  
2431, 2562, 2687, 2793, 2794,  
2822, 2824, 2869, 2997, 3000,  
3022

Eastern Puerto Rico Region  
2464

Ensenada Honda 3001

Fajardo Bay 2978

Guánica Bay 3003

Mayagüez Bay 2998

Mona Island 2471

Off coast 1953, 2769

Ponce Bay 2999

Puerto Maunabo 2980

Río Humacao 2464

Río Turabo 2454

Río Valenciano 2464

Roosevelt Roads 2266

San Juan 2334, 2923, 3026,  
3069

San Juan Bay 2979

Southern Puerto Rico Region  
3002, 3004

Vieques Island 2784, 3000

Western Puerto Rico Region  
3007

LESSER ANTILLES 2069, 2155, 2218,  
2291, 2424, 2425, 2521, 2689, 2813,  
2817, 2819, 2839, 2885, 3053

Barbados 0073, 1872, 1873, 1879,  
1954, 1978, 2005, 2022, 2037,  
2053, 2054, 2056, 2057, 2058,  
2336, 2424, 2425, 2497, 2544,  
2672

Tobago 2080, 2872, 3018

Trinidad 2216, 2590, 3018

Boca de Monos 2859

Port of Spain 2859

LEEWARD ISLANDS REGION 2216, 2562

## CARIBBEAN SEA LESSER ANTILLES LEEWARD ISLANDS REGION (CONT.)

Antigua 2227, 2916

Off coast 2225

Barbuda 2847

Montserrat 2847

Virgin Islands 2231, 2551,

2736, 2793, 2794, 2795, 2852,

2858, 2860, 2877, 2890, 2901,

3041, 3050, 3054, 3058, 3059,

3061, 3062, 3067, 3068, 3074,

3075

Great Lameshur Bay 2901,  
3064

Road Town 2860

St. Croix Island 2447,

2561, 2571, 2666, 2718,

2748, 2796, 2836

Christiansted Harbor

3005

St. Thomas Island 2371,

3006

Tortola Island 2860

NETHERLANDS ANTILLES REGION 2267,  
2894, 2895

Aruba 2875, 3035

Curaçao 2894

Schottegat 2894

Sint Anna Bay 2894

WINDWARD ISLANDS REGION 0251, 2086,  
2216, 2562

Grenada

St. George's Harbor 2404

Martinique (and dependencies)

2092, 2223, 2408

Off coast 2885

St. Vincent 2679

CENTRAL AMERICAN COAST 2072, 2073,  
2094, 2101, 2105, 2106, 2166, 2198,  
2230, 2256, 2292, 2443, 2512, 2682,  
2736, 2745, 2799, 2893, 3027

Off coast 2411, 2569, see also under  
HONDURAS, MEXICO and NICARAGUA

BRITISH HONDURAS 3010, 3021

COSTA RICA 2898

Puerto Limón 2906

GUATEMALA 2800



# OCEANOGRAPHY GEOGRAPHICAL INDEX

## CENTRAL AMERICAN COAST (cont.)

HONDURAS 3013, 3021  
 Off coast 2530, 2532

MEXICO 0786, 2159, 2224, 2256, 2258,  
 2301, 2360, 2406, 2431, 2432, 2512,  
 2645, 2682, 2742, 2797, 2808, 3021,  
 3027, 3030

Matamoros 2598  
 Off coast 2127, 2354, 2362,  
 2610, 2625  
 Tampico 0786  
 Veracruz 2624, 3015  
 Yucatan 2913

NICARAGUA 2898, 3016, 3027

Bluefields 3024  
 Off coast 2530, 2532

PANAMA 0454, 0597, 2222, 2333, 2627,  
 2745

Canal Zone 0206, 2158, 2162  
 2212, 2221, 2222, 2244  
 Cristobal 2563  
 Galeta Island 3017  
 Off coast 2169  
 Gulf of Darien, see under CARIBBEAN  
 SEA  
 Portobelo 2067  
 Veraguas 2115, 2106

GULF OF MEXICO 0064, 0634, 0684, 0874,  
 0954, 0955, 1055, 1082, 1083, 1136,  
 1205, 1393, 1551, 1862, 1863, 1878,  
 2041, 2066, 2067, 2071, 2073, 2076,  
 2087, 2088, 2089, 2090, 2091, 2093,  
 2100, 2102, 2103, 2107, 2109, 2112,  
 2113, 2114, 2115, 2116, 2117, 2118,  
 2119, 2122, 2123, 2124, 2125, 2126,  
 2128, 2129, 2130, 2131, 2132, 2133,  
 2135, 2141, 2143, 2144, 2145, 2146,  
 2147, 2148, 2149, 2151, 2154, 2157,  
 2159, 2161, 2163, 2171, 2176, 2177,  
 2179, 2183, 2184, 2189, 2190, 2192,  
 2199, 2205, 2208, 2217, 2226, 2229,  
 2234, 2236, 2239, 2246, 2247, 2248,  
 2249, 2251, 2252, 2254, 2257, 2258,  
 2259, 2262, 2263, 2264, 2265, 2269,  
 2272, 2279, 2280, 2285, 2288, 2289,  
 2292, 2293, 2294, 2295, 2296, 2298,  
 2300, 2301, 2302, 2305, 2306, 2311,  
 2312, 2317, 2321, 2328, 2330, 2339,  
 2344, 2352, 2353, 2355, 2356, 2357,  
 2359, 2365, 2368, 2372, 2377, 2379,  
 2382, 2387, 2388, 2392, 2395, 2405,  
 2410, 2415, 2416, 2419, 2421, 2427,  
 2430, 2442, 2453, 2454, 2455, 2461,

GULF OF MEXICO (cont.) 2462, 2463,  
 2469, 2472, 2480, 2483, 2495, 2500,  
 2501, 2504, 2508, 2510, 2511, 2516,  
 2518, 2522, 2526, 2527, 2531, 2540,  
 2556, 2567, 2568, 2570, 2574, 2576,  
 2580, 2584, 2592, 2595, 2597, 2601,  
 2610, 2612, 2613, 2614, 2615, 2616,  
 2620, 2626, 2630, 2635, 2639, 2648,  
 2650, 2655, 2659, 2660, 2663, 2673,  
 2678, 2684, 2685, 2688, 2699,  
 2706, 2708, 2713, 2721, 2723, 2728,  
 2729, 2734, 2736, 2737, 2739, 2744,  
 2751, 2755, 2756, 2757, 2760, 2762,  
 2764, 2765, 2766, 2767, 2768, 2772,  
 2775, 2776, 2778, 2793, 2797, 2801,  
 2806, 2807, 2812, 2821, 2823, 2825,  
 2827, 2828, 2829, 2830, 2835, 2836,  
 2843, 2848, 2851, 2856, 2857, 2861,  
 2862, 2863, 2865, 2866, 2868, 2871,  
 2873, 2876, 2879, 2880, 2881, 2882,  
 2883, 2884, 2897, 2900, 2902, 2908,  
 2909, 2913, 2914, 2918, 2924, 2927,  
 2928, 2960, 3008, 3009, 3021, 3032,  
 3038, 3039, 3044, 3045, 3046, 3048,  
 3049, 3051, 3060, 3063, 3071, 3072,  
 3078

Alligator Harbor 2322, 2378, 2429,  
 2450, 2477, 2716  
 Apalachicola Bay 2550  
 Arcas Reef 2531  
 Atchafalaya Bay 2240, 2270, 2299  
 Baffin Bay 2611, 2654  
 Bay Marchand 2410  
 Bay of Campeche 2386, 2798  
 Blind Bay 2313  
 Breton Sound 2495, 2962  
 Campeche Bank 2531, 2533, 2840  
 Central Gulf of Mexico 2646  
 Chandeleur Sound 2495, 2962  
 Coastal waters, see MEXICO -- Off coast  
 and NORTH AMERICAN COAST -- Off coast  
 Corpus Christi Bay 2984  
 Corpus Christi Harbor 2985  
 Eastern Gulf of Mexico 0959, 2185,  
 2457, 2482, 2513, 2514, 2515,  
 2606, 2670, 2707, 2733, 2750,  
 2803, 2896, 3040  
 Florida Bay 2065, 2066, 2075,  
 2078, 2081, 2086, 2517, 2949  
 Galveston Bay 2611, 2636, 2744,  
 2792, 2912, 2958, 2986, 2987,  
 2988  
 Grand Bay 2237  
 Houston Ship Channel 2990, 2991  
 Intracoastal Waterway 2929, 2934,  
 2936, 2940, 2946, 2949, 2952,  
 2953, 2967, 2968, 2973, 2977,  
 2982, 2983, 2989, 2996  
 Key West Harbor 2944, 2945  
 Laguna de Términos 2798, 2809

# OCEANOGRAPHY GEOGRAPHICAL INDEX

## GULF OF MEXICO (cont.)

Laguna Madre 2654, 2791, 2831,  
2994  
Lake Borgne 2564  
Lake Charles 2331  
Lake Maurepas 2964  
Lake Pontchartrain 2564, 2964  
Lavaca Bay 2560  
Matagorda Bay 2560, 2574, 2992  
Mississippi River-Gulf Outlet Canal  
2579  
Mississippi Sound 2523, 2930  
Mobile Bay 2110, 2257, 2278, 2296,  
2931  
New Orleans Harbor 2966  
Northeastern Gulf of Mexico 2111,  
2545, 2591, 2619, 2632, 2633,  
2674, 2676, 2730, 2735, 2837,  
2850  
Northern Gulf of Mexico 0661, 2297,  
2668, 2698  
Northwestern Gulf of Mexico 0931,  
2186, 2383, 2486, 2642, 2643,  
2907  
Ochlockonee Bay 2429, 2477  
Pascagoula Harbor 0064, 2975  
Pensacola Bay 2935, 2950  
Pensacola Harbor 0064  
Redfish Bay 2313  
Sabine Lake 2970  
Sabine Pass 2970  
St. Andrew Bay 2429, 2451, 2951,  
2954  
St. Joseph Bay 2954  
St. Joseph Sound 2955  
Southeastern Gulf of Mexico 2664  
Southern Gulf of Mexico 2559  
Tampa Bay 2268, 2323, 2426, 2499,  
2507, 2555, 2670, 2727, 2918,  
2955, 2956, 2957  
Terrebonne Bay 2971  
Timbalier Bay 2971  
Vermilion Bay 2972  
Western Gulf of Mexico 2532

NORTH AMERICAN COAST 0017, 0599, 0734,  
0856, 0913, 0950, 1904, 2072, 2073,  
2088, 2090, 2094, 2095, 2097, 2104,  
2110, 2138, 2142, 2150, 2166, 2167,  
2170, 2173, 2188, 2224, 2230, 2242,  
2245, 2255, 2258, 2284, 2292, 2301,  
2333, 2344, 2374, 2376, 2380, 2397,  
2403, 2443, 2505, 2587, 2596, 2606,  
2645, 2698, 2699, 2744, 2771, 2794,  
2797, 2802, 2804, 3022  
Eastern North American Coast 2243  
Intracoastal Waterway, see under GULF  
OF MEXICO  
Off coast 2298, 2300, 2354, 2435,

## NORTH AMERICAN COAST (cont.)

Off Coast 2505, 2583, 2610, 2753  
2834 (see also under)  
ALABAMA, FLORIDA, LOUISIANA,  
MISSISSIPPI and TEXAS

ALABAMA 1205, 2156, 2932, 2961

Off coast 2331, 2935

FLORIDA 0293, 2066, 2077, 2096, 2109,  
2110, 2156, 2429, 2492, 2601, 2605,  
2622, 2781, 2783, 2786, 2932, 2937,  
2941, 2942, 2949, 2961

Alafia River 2499

Alligator Harbor, see under GULF OF  
MEXICO

Apalachicola Bay, see under GULF OF  
MEXICO

Biscayne Bay, see under STRAITS OF  
FLORIDA

Dry Tortugas 2160

Eastern Florida 2440

Fenholloway Estuary 2641, 2693

Florida Bay, see under GULF OF  
MEXICO

Florida Keys 2182

Fowey Rocks 2152

Hillsborough River 2499

Indian Key 3079

Key West 2413, 2566

Key West Harbor, see under GULF OF  
MEXICO

Lake Okeechobee 2398

Loggerhead Key 2160

Manatee River 2499

Miami 0599, 2826, 2948

Northwestern Florida 3070

Ochlockonee Bay, see under GULF OF  
MEXICO

Off coast 1647, 1648, 2096, 2197,  
2214, 2232, 2260, 2275, 2308,  
2310, 2318, 2331, 2345, 2349,  
2361, 2369, 2375, 2388, 2400,  
2420, 2430, 2441, 2457, 2467,  
2481, 2482, 2488, 2492, 2498,  
2502, 2503, 2509, 2510, 2513,  
2514, 2515, 2527, 2529, 2546,  
2549, 2562, 2582, 2591, 2606,  
2619, 2635, 2641, 2667, 2675,  
2681, 2688, 2711, 2727, 2730,  
2761, 2781, 2783, 2787, 2809,  
2815, 2838, 2911, 2914, 2935,  
2938, 2939, 2943, 2947, 3031,  
3057

Panama City 2633, 2722

Pensacola Bay, see under GULF OF  
MEXICO

Pensacola Harbor, see under GULF OF

# OCEANOGRAPHY GEOGRAPHICAL INDEX

## NORTH AMERICAN COAST FLORIDA

Pensacola Harbor (cont.) MEXICO  
St. Andrew Bay, see under GULF OF MEXICO  
St. Joseph Bay, see under GULF OF MEXICO  
St. Joseph Sound, see under GULF OF MEXICO  
Santa Rosa Island 3057  
Southern Florida 2282  
Tallahassee 0905  
Tampa Bay, see under GULF OF MEXICO  
Waccasassa Estuary 2641, 2693  
Western Florida 2783

LOUISIANA 0470, 2140, 2156, 2360,  
2401, 2489, 2576, 2587, 2601, 2790,  
2798, 2802, 2932, 2961, 2963, 2969,  
2974, 2976, 3029

Atchafalaya Bay, see under GULF OF MEXICO  
Baton Rouge 2438  
Bay Marchand, see under GULF OF MEXICO  
Blind Bay, see under GULF OF MEXICO  
Breton Sound, see under GULF OF MEXICO  
Chandeleur Sound, see under GULF OF MEXICO  
Grand Bay, see under GULF OF MEXICO  
Grand Island 2236  
Grand Isle 2403  
Lake Borgne, see under GULF OF MEXICO  
Lake Charles, see under GULF OF MEXICO  
Lake Maurepas, see under GULF OF MEXICO  
Lake Pontchartrain, see under GULF OF MEXICO  
Mississippi Delta 2115, 2165,  
2366, 2367, 2377, 2389, 2399,  
2709, 2789, 2854, 3040  
Mississippi River 2088, 2123,  
2206, 2277, 2965  
Mississippi River-Gulf Outlet Canal,  
see under GULF OF MEXICO  
New Orleans Harbor, see under GULF OF MEXICO  
Off coast 0534, 1822, 2098, 2233,  
2240, 2253, 2273, 2331, 2347,  
2388, 2449, 2494, 2496, 2501,  
2619, 2685, 2692, 2701, 2710,  
2809, 2864, 2897, 2903, 2907,  
3034  
Redfish Bay, see under GULF OF MEXICO  
Sabine Lake, see under GULF OF MEXICO

## NORTH AMERICAN COAST LOUISIANA (cont.)

Sabine Pass, see under GULF OF MEXICO  
Southwest Pass 2258, 2460  
Southwestern Louisiana 1016  
Terrebonne Bay, see under GULF OF MEXICO  
Timbalier Bay, see under GULF OF MEXICO  
Vermilion Bay, see under GULF OF MEXICO

MISSISSIPPI 0470, 1205, 2587, 2932,  
2974

Gulfport 2052  
Ocean Spring 2752  
Off coast 2331, 2522  
Pascagoula Harbor, see under GULF OF MEXICO

TEXAS 1594, 2164, 2241, 2360, 2401,  
2465, 2479, 2601, 2719, 2744, 2747,  
2759, 2770, 2798, 2889, 2959, 2969,  
2976, 2993, 2995, 3029, 3034

Baffin Bay, see under GULF OF MEXICO  
Caplen 2283  
Corpus Christi 2153, 2537, 2782  
Corpus Christi Bay, see under GULF OF MEXICO  
Corpus Christi Harbor, see under GULF OF MEXICO  
Galveston 0177, 0599, 2490, 2531,  
2553, 3037  
Galveston Bay, see under GULF OF MEXICO  
Houston 1473  
Houston Ship Channel, see under GULF OF MEXICO  
Kingsville 2568  
Laguna Madre, see under GULF OF MEXICO  
Lavaca Bay, see under GULF OF MEXICO  
Matagorda Bay, see under GULF OF MEXICO  
Off coast 0534, 1822, 2200, 2241,  
2252, 2287, 2307, 2329, 2332,  
2337, 2340, 2346, 2348, 2350,  
2363, 2372, 2388, 2417, 2422,  
2452, 2494, 2501, 2558, 2621,  
2700, 2717, 2809, 2864, 2907  
Sabine Lake, see under GULF OF MEXICO  
Sabine Pass, see under GULF OF MEXICO  
Texas City 2543, 2958

SOUTH AMERICAN COAST 068, 2072, 2073,

# OCEANOGRAPHY GEOGRAPHICAL INDEX

## SOUTH AMERICAN COAST (cont.) 2094.

2166, 2215, 2219, 2230, 2322, 2436,  
2443, 2736, 2799, 2870, 2891, 2893

COLOMBIA 2209, 2256, 2512, 2627,  
2682, 2893, 301

Santa Marta 2014

VENEZUELA 2209, 2211, 2631, 2832,  
2833, 2844, 2845, 2846

Cariaco Basin, see under CARIBBEAN  
SEA

Cariaco Trench [variant], see Cariaco  
Basin under CARIBBEAN SEA

Coche Island 2618

Cumaná 2476, 2525, 2724

Eastern Venezuela 2671

Gulf of Cariaco, see under CARIBBEAN  
SEA

Gulf of Paria, see under CARIBBEAN  
SEA

Gulf of Venezuela, see under  
CARIBBEAN SEA

Lake Maicaibo, see under CARIBBEAN  
SEA

Off coast 1949, 2476, 2547,  
2617, 2618, 2628, 2672, 2832,  
2849

Orinoco River 2475, 2589, 2590,  
2607

Paraguaná 2609

Unare Lagoon, see under CARIBBEAN  
SEA

Unare River 2602

STRAITS OF FLORIDA 2108, 2131, 2143,  
2144, 2168, 2172, 2175, 2180, 2195,  
2238, 2261, 2271, 2276, 2281, 2286,  
2304, 2309, 2314, 2325, 2335, 2341,  
2343, 2351, 2373, 2381, 2395, 2394,  
2414, 2434, 2444, 2457, 2460, 2482,  
2493, 2513, 2514, 2515, 2517, 2529,  
2534, 2539, 2542, 2554, 2565, 2566,  
2575, 2585, 2634, 2638, 2640, 2647,  
2662, 2670, 2694, 2695, 2697, 2720,  
2726, 2736, 2758, 2785, 2820, 2919,  
2981, 3023, 3042, 3065

Biscayne Bay 2146, 2320

YUCATAN CHANNEL 2144, 2181, 2325,  
2469, 2513, 2540, 2556, 2616, 2664,  
2721, 2738, 2892, 3038, 3065

METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

INSTRUCTIONS FOR USING THIS INDEX WILL BE FOUND IN THE INTRODUCTION ON P. viii

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Aagaard, P.M. 3071  
 Aarons, J. 1591, 1714  
 Abbe, C. 0119  
 Abbot, C.C. 0479  
 Abbott, G.E. 1392  
 Ackerman, A. 0055  
 Ackerman, B. 0702, 0769, 0962, 106C, 1273, 1347  
 Adamo, L.C. 1864  
 Adams, H. 1433  
 Adams, R.M. 2257  
 Adelfang, S.I. 1864  
 Adem, J. 0963  
 Adler, I. 0703  
 Add, R.R. 1230  
 Agassiz, L. 2096  
 Agricultura (Colombia) 0301  
 Alaka, M.A. 0704, 0964, 1274, 1397, 1398, 1472, 1592  
 Alexander, C.S. 0965  
 Alexander, J.E. 2542, 2585  
 Alexander, W.H. 0108, 0111, 0112  
 Allee, W.C. 0198  
 Allen, R.H. 2804  
 Allison, L.J. 1593  
 Allstrom, F. 2578  
 Alpert, L. 0330, 0345, 0705, 0706, 0707, 0770, 1858  
 Alvarez, R.J. 1715  
 [Amateur Weathermen of America, Franklin Institute, Philadelphia] 0518  
 American Geographic Society 2124  
 American Geophysical Union 3037  
 American Institute of Aerological Research 0519, 0520, 0592, 0708  
 American Meteorological Society 0421, 0551, 0877, 1061, 1399, 1716, 1717, 1718, 1859, 2706  
 American National Red Cross 0100, 0224  
 American Society for Oceanography 1473  
 American Society of Civil Engineers 1594  
 [Americana Series] 0003  
 Ames, J. 1348  
 Amisin, J.M. 2260  
 Amstutz, D.E. 2579  
 Andersen, N. 2651  
 Andersen, N.R. 2805  
 Anderson, E.A. 0521  
 Anderson, W.W. 2343, 2373, 2806  
 Andrews, G.F. 1909  
 Andrews, W.S. 2109  
 Angell, J.K. 1275  
 Angelo, A.T. 2636  
 Angino, E.E. 2650, 2651  
 Anido Artiles, A. 0278, 0879, 0880, 0881, 0882, 0883  
 [Annales Hydrographiques] 0065, 0069, 2120, 2121, 2136  
 Anstey, R. 1138, 1719  
 Anthes, R.A. 1720, 1860  
 Antigua. Government Laboratory 0157, 0240  
 Antilles. Service Météorologique du Groupe Antilles-Guyane 0552, 1213, 1276  
 Arena, J.E. 2652  
 Armstrong, J. 2574  
 Armstrong, R.J. 1349  
 Armstrong, R.S. 2642, 2643, 2707, 2708, 2709, 2807, 2856, 3038  
 Arnason, G. 1401  
 Arnett, A.B. 1062  
 Arnold, G. 2653  
 Arnold, J.E. 1596, 1721, 1862, 1863, 2710  
 Asbeck 0070  
 Ashenberger, A. 0146, 0225  
 Asociación Nacional de Hacendados de Cuba 0505  
 Aspliden, C. 1760  
 Athearn, W.D. 2649  
 Atwood, T. 0012  
 Austin, G.B. 2278, 2306, 2369, 2395, 2441  
 Ayala-Castanares, A. 2808  
 Bache, A.D. 2097, 2098, 2104, 2108, 2110  
 Bache, R. 2161  
 Bader, G. 2533  
 Baer, F. 1139, 1318, 1350  
 Baer, L. 1864  
 Bailey, J.S. 2809  
 Balarama Rao, P. 1865  
 Balcom, H.G. 0210  
 Balcom, P.R. 1693, 1866  
 Ball, S.C. 0158  
 Ballenzweig, E.M. 0709, 0884, 0885, 0886, 0966, 1063  
 Pallester, A. 2548, 2618, 2810  
 Ballou, S.M. 0077  
 Bangs, N.H. 0226  
 Banks, R.W. 1351  
 Bannon, J.K. 0710, 0887  
 Barbados Weather Observers' Association 0711  
 Barbarick, D. 1314  
 Barnard, S.O. 1475  
 Barnes, H.H. 2464  
 Barnes Engineering Co., Stamford, Conn. 1867  
 Barney, W.S. 2031  
 Bartlett, T. 2153  
 Barton, J.C. 0771, 0967  
 Batchelder, C.H. 0712  
 Bates, C.C. 2258  
 Bates, F.L. 1352  
 Battan, L.J. 0772, 0892, 0968, 1868  
 Battelle Memorial Institute, Columbus, Ohio 1722  
 Bauchman, R. 2225  
 Baum, W.A. 0888  
 Baumhefner, D. 1869  
 Baynton, H.W. 1476, 1722  
 Bean, R. 0254  
 Beaufort, R. 2580, 2581  
 Febber, J. van 0068

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Bec, R.	1278	Bowdin, J.W.	0346
Beckerle, J.C.	2687	Bowen, C.	1402
Beckinsale, R.P.	0889	Bowen, V.T.	2390, 2536
Behrens, E.W.	2654	Bowie, E.H.	0175
Belize, British Honduras	0110, 0593	Bowin, C.	2656, 2657, 2658, 2817
Bellin, J. N.	2069, 2070, 2071	Bowley, C.J.	1941
Belousov, I.M.	2655	Boy-Ed, E.	0266, 0274
Beltran, E.	0969	Boyer, E.D.	1598
Benitez, J.	2686	Boykin, R.E.	2591, 2619, 2676
Bennett, C.M.	2711	Braak, C.	0275
Benson, B.B.	2437	Bracewell, R.N.	1089
Bent, A.E.	0409	Bradley, D.A.	1403
Benton, G.S.	0713	Braham, R.R.	0772, 0892, 1066
Berenger, M.	1597	Brango, N.	0774
Berg, O.	1518	Brennan, J.F.	0276, 0291, 0368
Bergeron, T.	0773	Bretschneider, C.L.	2248, 2279, 2280,
Berner, L.	2675, 2688		2344, 2345, 2356, 2347, 2348, 2349,
Berninghausen, W.H.	2811		2391, 2392, 2537, 2659, 2660, 2714,
Bernstein, A.B.	1064		2715
Berryhill, H.L.	2812	Bricker, O.P.	2019
Bertels, A.	2813	Brilliant, R.	0791
Bertholf, L.B.	2258	Briscoe, C.B.	1599
Bessonov, N.	2814, 2840	British Admiralty, Hydrographic Dept.	
Bianco, J.M.	1870		0455, 0480, 2210
Bieber, R.E.	1259	British Caribbean Meteorological Service	
Bien, G.S.	2389		0628, 0775, 0972
Bigelow, F.H.	0084, 0115	Broderick, H.J.	1500
Bigelow, H.B.	2151	Brogden, W.B.	2716
Billings, C.K.	2610, 2650, 2651	Brooks, C.E.P.	0159, 0171, 0176, 0182,
Bily, J.	0116		0205, 0523
Binnian, W.	2225	Brooks, C.F.	0273, 0331, 0347, 0481, 2175
Birchfield, G.E.	0666	Brooks, F.E.	0893
Birdsell, T.G.	2697	Brown, A.H.	0142, 0524
Bishop, A.D.	2611	Brown, A.N.	0874
Bishop, R.	2074	Brown, D.	0073
Bishop, W.F.	2815	Brown, E.N.	0715, 1066
Bjerknes, J.	0890, 0970	Brown, H.A.	0716, 2307
Black, P.G.	1627	Brown, J.S.	0191
Blackman, B.	2243	Brown, M.V.	2614
Blair, W.B.	0971, 1065	Brown, R.M.	1329
Blaut, J.M.	0974	Brown, W.F.	0594
Blifford, I.H.	1871	Browne, P.	0006
Bliss, E.W.	0236, 0290	Bruce, H.E.	2417
Blodget, L.	0036, 0037	Bruce, J.A.	2818
Blum, M.D.	0935	Bruce, J.G.	2538
Blumberg, R.	1279, 1724, 2712	Brucks, J.T.	2819
Blume, H.	1280	Bruinenberg, A.	0776
Blunt, E. & G.W. Pub.	2117	Braun, P.	2492
Boaz, R.J.	1503	Bryce, W.	0438
Bodine, B.R.	2912	Bryson, R.A.	0554, 0973
Bogart, D.B.	2464	Rucci, A.	1012
Bogdanov, D.V.	2612, 2713, 2816	Buljan, M.	2418
Boland, R.A.	2560	Bull, G.V.	1806, 1952
Bonney, R.G.	0522	Bumpus, D.F.	2281, 2335, 2374
Bosc	0056	Bumpus, K.G.	2717
Boston, N.E.J.	2503, 2582	Bundgaard, R.C.	1067
Botley, C.M.	0891	Bunker, A.F.	0595, 0596, 0597, 0629, 1068,
Boudreau, E.D.	2613		1140, 1353
Boughner, C.C.	0714	Bunnenmeyer, B.	0127, 0135
Bouma, A.B.	3032	Bunting, D.C.	0511, 0555, 0717
Bousieux	0005	Burath, K.	2172

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Burbank, W.S. 0191  
 Burgaña, J.M. de 2211  
 Burgos, J.J. 1477, 1478  
 Burkard, O.M. 1214, 1600  
 Burns, R.E. 2258  
 Burpee, R.W. 1969  
 Busby, R.F. 2718, 2820  
 Bushnell, V.C. 0669  
 Buxton, E.B. 0369  
 Byers, H.R. 0277, 0667, 0718, 0719, 0777, 0892, 0894, 1026, 1069
- Cadreja Alvarez, J. 0720  
 [Cahiers Océanographiques] 1873  
 Cain, H.E.C. 0194  
 Caldwell, J.M. 2821  
 Calvert, E.B. 0278  
 Calvesbert, R.J. 1725  
 Cambiaso V., J.B. 0422, 0778, 1281  
 Cameron, D.C. 0525  
 Campan, G. 1070  
 Canada. Oceanographic Data Centre, Ottawa 2661  
 Canaday, G.L. 0320  
 Canal Zone, Panama 2158, 2162, 2212, 2222  
 Canal Zone, Panama. Dept. of Operation and Maintenance 2221  
 Canal Zone, Panama. Engineering and Construction Bureau 0526  
 Candelas, G.A. 1354  
 Candelas, G.C. 1354  
 Capurro, L.R.A. 3040  
 Caracas Academy of Sciences 0482  
 Carey, R.P. 1479  
 Caribbean and Coast Map Company, Miami, Fla. 0292, 0779  
 Carino, I. 0655, 0656, 0692  
 Carlson, H.C. 1601, 1602, 1603, 1726, 1727, 1874  
 Carlson, Q.H. 2350  
 Carlson, T.N. 1728, 1729, 1730, 2020, 2021  
 Carothers, H.P. 2465, 2759  
 Carpenter, J.H. 2920  
 Carr, J.T. 1604, 2719  
 Carraway, D.M. 1341  
 Carrodus, R.L. 2046  
 Carroll, J.C. 2748  
 Carson, R.B. 1355, 1875  
 Carter, L.J. 2022  
 Caskey, J.E. 1215  
 Castelan, S.S. 1876  
 Cauvin, A. 0598  
 Cerame-Vivas, M.J. 2822  
 Cervigon, F. 2543, 2618  
 Chaffee, M. 1253, 1480  
 Chambers, A.A. 2150  
 Chambers, J.V. 0767, 0893, 0974, 1065, 1141  
 Chandler, R. 0177  
 Chandler, R.A. 1586
- Chandra, S. 1605  
 Chapel, L.T. 0206  
 Chapman, S. 0896  
 Chapman, W.T. 0721  
 Charney, J.G. 2539  
 Charnock, H. 0722, 0781, 0782  
 Chas., J. 0599  
 Chase, P.P. 1947  
 Chase, W.C. 0066  
 Chew, F. 2261, 2276, 2282, 2286, 2308, 2309, 2314, 2315, 2351, 2375, 2393, 2394, 2419, 2420, 2466, 2467, 2493, 2494, 2495, 2496, 2583  
 Chia, Lin-Sien 1731  
 Chicago University. Dept. of Meteorology 0630, 0783  
 Chimiak, W. 2316  
 Ching, J. 1654  
 Chiu, Wan-cheng 1282, 1606  
 Chown, R.G. 2692  
 Christoph, W.P. 1607  
 Chu, R.T.P. 1404  
 Cifuentes, J.L. 2808  
 Clapp, P.F. 1393  
 Clark, G.B. 0734, 1608  
 Clark, H.L. 2213  
 Clark, J.G. 2662, 2720  
 Clark, J.R. 0975  
 Clarke, D.B. 1071, 1356  
 Clarke, G.L. 2199, 2468  
 Clayton, W.H. 0784, 2249, 2270, 2283, 2293  
 Clément 1609  
 Clement, R. 1481  
 Clemesha, B.R. 1610, 1789, 1877  
 Cleveland, M.J. 1216  
 Cline, I.M. 0080, 0101, 0143, 0147, 0199, 0267, 0268, 0370, 2154, 2178  
 Cline, J.L. 0123  
 [Coastal Research News] 2823  
 Cobb, G. 1482  
 Cocho, F. 1878  
 Cochrane, J.D. 2469, 2540, 2615, 2616, 2663, 2664, 2721, 3051  
 Cockburn, S. 0049  
 Coen, E. 0712, 0976  
 Cohen, E. 2343  
 Collier, A. 1332, 2200, 2395, 2584  
 Collins, J.I. 2537, 2665, 2722  
 Collins, W.G. 1849  
 Collins, W. Sons and Company, Ltd. 0332  
 Colón, J.A. 0556, 0631, 0668, 0785, 0897, 0977, 1072, 1142, 1217, 1283, 1611, 1612, 1732, 2541  
 [Commercial Fisheries Review] 1733, 1879, 2666, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 3041  
 Compañía Mexicana de Luz y Fuerza Motriz, S. A. 1743  
 Conocla, P. 2235  
 Conferences, see next page



# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Conferences, see also Symposia

Army Conference on Tropical Meteorology  
1277, 1400, 1474, 1595, 1861  
Caribbean Hurricane Seminar 0780  
Coastal Geography Conference 2284  
Conference on Climatology and Related  
Fields in the Caribbean 1734  
Conference on Coastal Engineering 2245  
Technical Conference on Hurricanes 1041,  
1335, 1391, 1568, 1838, 2049  
U.S. Interdepartmental Hurricane Warning  
Conference 0945, 1455, 2004  
Weather Radar Conference 1271  
Connell, J. 1403  
Conner, W.C. 2376, 2854  
Connor, J.T. 1484  
Conover, L.F. 1284  
Contreras Arias, A. 0371, 0786, 0787,  
1735  
Cook, C. 0898  
Coons, R.D. 0506  
Cooper, G.W. 1736  
Cooperman, A.I. 1218, 1285  
Copeland, B.J. 2621, 2831  
Copley, C. 2095  
Corcoran, E.F. 2542, 2585  
Cormier, R.V. 1737  
Cornthwaite, H.G. 0162  
Costa Rica. Dirección General de Estadísticas  
y Censos 0527  
Costin, J.M. 2820  
Coulter, J. 0102  
Courtright, C.L. 1981  
Cowley, A.D. 1637  
Cramer, W.P. 1357, 1570  
Crory, A.P. 0528, 0600, 0669  
Creager, J.S. 2287  
Cressman, G.P. 0483  
Crombie, D.D. 2723  
Cronise, W.G. 1185, 1237  
Crooks, W.M. 1880  
Crowe, P.R. 0601  
Crutcher, H. 0978, 1606  
Cry, G.W. 0992, 1073, 1074, 1219, 1220,  
1286, 1405, 1485, 1486, 1613  
Cuba. Marina de Guerra 0423  
Cuba. Observatorio Nacional 0424  
Cuba. Secretaría de Comercio 0151  
Cuba. Secretaría de Obras Públicas 0207  
Cucurullo, G. 0602  
Cumaná, Venezuela. Universidad de Oriente.  
Instituto Oceanográfico 2470, 2724,  
2725  
Cunningham, R.M. 0899  
Curl, H. 2401  
Curra, R.A. 2832, 2833  
Curry, J.E. 2422  
Curtis, E.A. 2007  
Dann, R. 2662  
Darchen, J. 2726  
Darling, J.M. 2834  
Darlington, P.J. 0310  
Dassié, F. 2064  
Davies, D.A. 0788  
Davis, A.B. 2543, 2835  
Davis, W.R. 0671, 0725, 0726, 0798, 0900,  
0979, 1075, 1076, 1144  
Davitaia, F.F. 1487, 1614  
Davy, R. 2084  
Day, J. 2471  
Day, P.C. 0237  
Day, R.L. 0632  
Day, W.P. 0172, 0178  
Dean, G.A. 0789  
DeAngelis, R.M. 1488, 1738, 1881  
De Bremaecker, J.C. 1489  
Decker, F.W. 0901  
Delany, A.C. 1739, 1810  
Delany, Audrey C. 1810  
Delcourmé, A. 0790  
DeLuigi, J.J. 1740  
De Monts 0293  
Demoran, W.J. 2494, 2495, 2496  
Denardo and McFarland Weather Service,  
Dravosburg, Pa. 1077  
DePalma, J.R. 3042  
Deppermann, C.E. 0348  
Dessens, H. 1490  
Dickson, R.R. 1358  
Dietrich, G. 2188, 2191, 2192, 2205  
Dillon, D.B. 2586  
Dioreto, E.A. 0836, 0980  
Dines, J.S. 0136  
Dingens, F. 0333  
Dinger, J.E. 0612, 2497, 2544  
Dodd, A.V. 0767  
Dodgen, J.E. 2836  
Dodson, E.B. 1882  
Dole, R.E. 2146, 2152  
Dominguez Aguirre, E. 0603  
Dominican Republic. División de Climatología  
y Agroclimatología 1883  
Dominican Republic. Sección de Meteorología  
0279  
Dominican Republic. Servicio Meteorológico  
de la Marina de Guerra 0670, 0672, 0723,  
0724  
Dominguez A., E. 1359  
Donn, W.L. 0673, 0791, 2424, 2425,  
0981  
Douglas, M.S. 1615  
Dousnik, J. 0038, 0042, 0045, 0047  
Dove, H.W. 2310, 2318, 2361, 2450,  
2408, 2667  
Dragovich, A. 2409, 2670, 2737  
Drennan, K.L. 2404, 2405, 2406, 2545,  
2587, 2608, 2728, 2837  
Dronkers, J.J. 2476  
Drum, W. 0170

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Drummond, K.H. 2352, 2377, 2395  
 Duarte, M.P. 1884, 1956  
 Duarte-Bello, P. 2396  
 Duchow, C.E. 1885  
 Dueño, B. 1145, 1221, 1616  
 Dufresne, R. 1886  
 Duke, J.A. 1360, 1361  
 Dumont, A. 0792  
 Dumont, F.T. 0137  
 Dumont, M. 0674  
 Dunkle, W.M. 2588, 2717, 2729, 2838, 2839  
 Dunn, C.R. 0740  
 Dunn, G.E. 0255, 0269, 0334, 0335, 0410, 0411, 0557, 0725, 0726, 0793, 0794, 0795, 0796, 0797, 0798, 1146, 1287, 1288, 1362, 1406, 1407, 1491, 1492, 1741, 1887, 2397  
 Dunn, H.H. 2157  
 Durham, D.L. 2633, 2730  
 Durham, K.S. 1222  
 Durie, S.J. 1243  
 Durst, C.S. 0675  
 Duxbury, A.C. 2500  
 Dybbroe, O. 1742  
 Dyce, R.B. 1078  
 Dye, L.W. 1888  
 Dyke, R.A. 0163, 0188, 0200, 0227, 0321  
 Eastman, J.R. 0051  
 Eaton, M.A. 1389, 1408  
 Ebdon, R.A. 1208, 1269  
 Echevelar, M. de 2068  
 Edeler, H. 0302  
 Edelstein, M.W. 1743, 1906  
 [Electrical World] 0529  
 [Electronics] 1223  
 Elizarov, A. 2814, 2840  
 Elliott, F.E. 2354  
 Ellis, G.R. 1289  
 Elsberry, R.L. 1493, 1654  
 Emilsson, I. 2841, 2842  
 Endlich, R.H. 1290, 1375, 1799, 1851, 1938, 2013, 2014  
 [Engineering News Record] 2023  
 Englerth, G.H. 1133  
 [Environmental Science and Technology] 2024  
 Epler, W. 1892  
 Erickson, C.O. 1409, 1744, 2025  
 Erlando Lopez, R. 1889  
 Ernst, A. 0052  
 Esconde 0087  
 Espy, J.P. 0021  
 Essenwanger, O.M. 1745  
 Estogue, M.A. 1494  
 Evans, Lt. 0025  
 Everdingen, E. van 0130  
 Ewing, J.I. 2501  
 Ewing, N. 2501, 3049  
 Externorink, H. 0303  
 Eyre, L.A. 1746  
 Facy, L. 1079  
 Fagot, J. 1890, 1891, 1892  
 Fairbridge, R.W. 2669  
 Fairchild, J.E. 0349  
 [Farm Quarterly] 0604  
 Farnsworth, R.K. 1991  
 Farrer, L.A. 2398  
 Fassig, O.L. 0128, 0131, 0132, 0133, 0138, 0164, 0192, 0201, 0211, 0212, 0213, 0228, 0229, 0238, 0239, 0256  
 Fastie, W.G. 2921  
 Fawbush, E.J. 0676  
 Fean, C.R. 1224  
 Fernandez Castro, J. 0720  
 Fernandez-Portagás, J.I. 1495, 1617, 1747  
 Ferrel, W. 0074  
 Fetherston, C.E. 1410  
 Fett, R.W. 1363, 1411  
 Finch, R.H. 0153  
 Fink, L.K. 2554  
 Finley, J.P. 0097  
 Finucane, J.H. 2670  
 Fischer, A. 0126  
 Fisher, E.L. 0902, 0903, 2353  
 Fisher, G.E. 1592, 1624  
 Fleming, R.H. 2354  
 Fletcher, R.D. 0425, 0507, 1412  
 Flinsch, H. 2311  
 Flitters, N.E. 1364  
 Flohn, H. 0280, 0904  
 Florida. Committee on Hurricanes 1496  
 Florida. Dept. of Civil Defense 1147  
 Florida. Div. of Water Survey and Research 0677, 0727, 0728  
 Florida Marketing Bureau 1148  
 Florida State University 0605, 0905, 2378  
 Florida State Univ. Dept. of Oceanography 1893  
 Florida State Univ. Oceanographic Institute 2546  
 Forch, C. 2144  
 Ford, T.B. 2843  
 Forsdyke, A.G. 0508  
 Forshey, C.G. 0050, 0123  
 Foscue, E.J. 0214  
 Foster, H.E. 1365  
 Fougereuze, J. 1748  
 Fowler, J. 0010  
 Fowler, W.J. 0606, 0633  
 Fradel, M.A. 1618, 1619, 1620, 1749, 1750, 1751, 1752, 1753, 1754, 1894, 1895, 1896, 1897, 1898, 1899  
 France, M.D. 1413  
 France. Dépôt de Cartes et Plans de la Marine 2107  
 France. Ministère de la France d'Outre-Mer. Service des statistiques 0558  
 France. Institut National de la Statistique et des Etudes Economiques 0906  
 France. Service Hydrographique 1275, 2155, 2207, 2217, 2731, 2732, 2844, 2845,

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- France. Service Hydrographique (cont.)  
2846, 2847
- Franceschini, G.A. 0634, 0678, 0679, 2259,  
2312, 2472
- Francis, J.R.D. 0635, 0722, 0782
- Frank, N.L. 1149, 1414, 1415, 1497, 1621,  
1622, 1623, 1624
- Frankel, M.H. 0389, 0390
- Fredericks, A.D. 2848
- Freeman, J.C. 0484, 1498, 1499, 1755
- French, W.O. 0975
- Friedman, S.B. 2445
- Frisby, E.M. 1625
- Fritz, S. 1250, 1291, 1416, 1500
- Frolow, S. 0311, 0350, 0351, 0372, 0412,  
0413, 0485, 0559
- Frost, R. 0607
- Fuglister, F.C. 2379, 2446
- Fuhrman, D.K. 0560
- Fukuoka, J. 1626, 2547, 2548, 2589, 2590,  
2617, 2618, 2671, 2672, 2849
- Fultz, D. 0561
- Funita, T. 1627
- Furley, P. 1900
- Gade, H.G. 2427, 2473, 2474, 2475
- Gainer, T.H. 2673
- Gallenme, J.H. 0294, 0304, 0322, 0336  
0337
- Galloway, J.C. 0352
- Galtsoff, F.S. 2285
- Gangopadhyaya, M. 1080
- Garbell, M.A. 0456
- Garcia, A.E. 2733
- Garcia Bonnelly, J.U. 0799
- Garcia de Quevedo, J.L. 1178
- Garcia y Carbonell, L. 0165
- Gardner, M.E. 1417, 1520
- Garnier, B.J. 1756, 1901
- Garrett, W.D. 2734
- Garriot, E.G. 0103
- Garstang, M. 1081, 1501, 1502, 1503, 1757,  
1758, 1759, 1760, 1902, 1903
- Gaul, R.D. 2345, 2346, 2347, 2348, 2349,  
2502, 2503, 2542, 2591, 2619, 2674,  
2675, 2676, 2735, 2820
- Gauld, G. 2076, 2077
- Gehringer, J.W. 2343, 2373
- Geiger, R. 0242
- [General Electric Review] 0608
- Gentili, J. 0982
- Gentry, R.C. 0555, 0562, 0729, 0800, 0801,  
0802, 0848, 0983, 0984, 0995, 1150,  
1256, 1701, 1762, 1763, 1887, 1904,  
1905, 1906
- Geographical Society of Baltimore 0113
- George, D.R. 1638
- George, J.J. 0323
- Georgil, W. 0193
- Gerard, R.D. 1764
- Gordon, W.F. 0570
- Gergen, J.L. 1506
- Gerhardt, J.R. 0563, 0955, 1177, 1244,  
1311, 1383
- Germain, H. 0806
- Germany. Deutsches Hydrographisches Institut  
2736
- Gerrish, H.P. 0907, 1292, 1367, 1418,  
1504, 1505, 1506, 1507, 1629, 1630,  
1631, 1632, 1765, 1766, 1907, 1908,  
1909
- Gessner, F. 2476
- Geyer, R.A. 0530, 2233, 2313, 2737, 2851
- Gherzi, E. 0985, 1082, 1368
- Gibbs, H.K. 2852
- Gibson, B.W. 2504
- Giese, G.S. 2853
- Gilbert, J.T. 0439
- Gilbert, S.C. 0908
- Gilman, C.S. 0986
- Gilmore, M.H. 0457
- Gilmour, A.E. 3043
- Giraytys, J. 1831
- Giusti, E.V. 1508
- Gleaner 0046
- Glenn, A. H. 0531, 2236, 2237
- Godoy, J. 2842
- Godwin, H. 2399
- Goldbrunner, A.W. 0803
- Golden, J.H. 1767, 1910
- Goldie, N. 0987
- Goldman, J.L. 1499
- Gómez, J.A. 2841
- Gómez, J.C. 0453
- Gonzales Carranza, D. 2067
- Gonzalez, O. 2840
- González, P.E. 0353, 0486
- González Muñoz, A. 0426
- Goodman, J.M. 1768
- Goodyear, H.V. 1911
- Gordon, A.H. 0532, 0564
- Gordon, A.L. 2608, 2677, 2738
- Gordon, I.M. 1326
- Gordon, W.E. 1602
- Gorsline, D.S. 2550
- Gosdin, M.E. 1419, 1571
- Goudeau, D.A. 2854
- Goulet, J. 2855
- Grace, R.J. 0807, 1633
- Grace, S.F. 2177, 2179
- Grady, J.R. 2708, 2709, 2807, 2856
- Graham, D.M. 1912
- Graham, H.E. 1085, 1151
- Graham, H.W. 2260
- Grantham, D.L. 1926
- Graves, M.E. 0565
- Graystone, P. 1084
- Gt. Brit. Hydrographic Office 2148, 2216,  
2355, 2857, 2858, 2859, 2860
- Great Britain. Meteorological Office 0458,  
0988, 1085, 1152
- Green, J.R. 2836

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Greenfield, S.M.	1153	Harris, G.D.	2140
Greenwood, G.W.	0459	Harris, J.C.	0079
Grenke, W.	1361	Harris, M.F.	0461
Gretner, P.E.	2739	Harrison, J.B.	0085
Griffiths, J.F.	1421, 1509, 1513, 1634, 1769	Harriss, R.C.	2610
Griffiths, R.C.	2740, 2741, 2774	Hart, T.J.	2428, 2594
Grijalva, N.	1878, 2592, 2742	Hartwell, F.E.	0253
Grin, P.J.	2677	Hartwell, F.W.	0994
Grimes, A.	0566	Haskell, E.E.	2131
Grimes, A.E.	0808, 0989, 1227	Hastenrath, S.L.	1635, 1636, 1774, 1775, 1776, 1777, 1915, 1916, 1917, 2865
Grinsted, W.A.	0636	Haurwitz, B.	0462, 0610, 1637
Groening, H.U.	1086	Havana. Colegio de Belén	0057, 0105
Grogan, S.A.	0166, 0167	Hawkins, H.F.	0809, 0995, 1293, 1371, 1778, 1779, 1918, 1919, 1920
Grosske, F.	1770, 1913, 2026	Hawkins, Sir J.	2005
Gruver, J.A.	2861	Hayden, E.	0075
Gudger, E.W.	0309	Hayes, M.O.	2747
Guernsey, J.E.	0354	Hays, E.E.	2447, 2448
Guerra, O.	1510	Hays, H.C.	2839
Guidice, D.A.	1591	Hazelworth, J.B.	2866
Guilmet, B.	0567, 0568	Heastie, H.	0910, 1088, 1155
Gulf South Research Institute	2743	Heather, W.	2086
Gulf Universities Research Corporation	2862, 3044, 3045, 3046	Hebert, P.J.	1780, 2047
Gunn, R.	0506	Heckathorn, C.E.	0168
Gunter, G.	0355	Heffernan, K.J.	1089
Gutenberg, B.	0460	Hela, H.	2381
Guthrie, A.N.	2551	Hela, I.	2261, 2286, 2314, 2315, 2357
Gutierrez, A.	2863	Hele, J.R.	2403
Gutierrez-Lanza, M.	0117, 0154	Helm, T.	1781
Gutnick, M.	0990	Henderson, G.W.	1323
Hackenbroich, A.	0148	Hennessey, L.J.	1090
Hadeen, K.F.	1228	Hennessey, J.	0247
Haeger, H.	0281	Henry, A.J.	0230
Haggard, W.H.	0652, 0909, 0991, 0992, 1074, 1087, 1286, 1511, 1771	Henry, W.K.	1421, 1509, 1513, 1638, 1639, 1921
Hagood, L.B.	1772	Herbert, P.J.	1091
Haight, F.J.	2182	Hernández, J.	0183
Haiti. Département des Travaux Publics	0609	Hernandez Poggio, R.	0060
Hakkariinen, W.	1420	Hero, N.C.	0373
Hall, K.C.	1773	Herrera, L.E.	2628
Hall, M.	0118, 0155	Hersey, J.B.	2229
Hall, R.K.	0719	Hershfeld, D.M.	1156
Halstead, M.	0104	Hess, J.	1640
Hamburg. Deutsche Seewarte	2208	Hewitt, C.W.	1782
Hamburg. Deutsches Hydrographisches Institut	2744, 2745	Hickeringill, E.	0002
Hamilton, A.	0114	Hidaka, K.	2262, 2263, 2264
Ramm, D.F.	1914	Hiester, N.K.	0911
Hammer, L.	2476	Higgs, R.H.	2748
Hansen, P.G.	2400	Higgs, R.L.	0680, 0912, 1157, 1179
Harding, E.T.	1512	Hill, E.C.	1294, 1947
Harding, J.L.	2678	Hill, E.L.	1514, 1555, 1641
Hardy, G.W.	2864	Hill, R.T.	0088, 0089, 0090, 0091, 0092, 2134
Hardy, R.C.	1355	Hilleary, D.T.	0996
Harlin, B.W.	2027	Hills, T.L.	1158, 1229
Harrington, E.L.	0993, 1154	Hirsch, A.A.	2206
Harrington, M.W.	0081, 0082	Hiser, H.W.	0730, 0997, 0998, 1092, 1187, 1188, 1230, 1292, 1295, 1324, 1325, 1367, 1506, 1515, 1631, 1632, 1922
Harris, D.L.	2356, 2376, 2380, 2401, 2402, 2509, 2506, 2552, 2553, 2593, 2746	Hiss, P.H.	0440
		Ho, T.	1235

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Hoblitt, F.M.	1880	Jachmann	0109
Hodge, W.T.	1923	Jackson, R.A.	2266
Hoecker, W.H.	1422	Jacobs, M.B.	3049
Hoese, H.D.	2621	Jamaica. Government Meteorologist	0241,
Hogan, J.T.	0731		0248
Holdridge, L.R.	1423	Jamaica. Meteorological Office	0441
Hole, W.L.	2749	Jamaica. Scientific Research Council	1369
Holle, R.L.	1924		
Holliday, C.R.	1516	James, R.W.	0569
Holtmann, H.O.	0257	Jameson, H.	0356
Honduras. Servicio Meteorológico Nacional	1517	Jarvela, L.F.	2870
Hood, D.W.	2417, 2484, 2559, 2775	Jaurequi, O.E.	1785
Hoose, M.	0999	Jeffrey, L.M.	2287, 2775
Hoover, E.W.	1000, 2593	Jeffreys, T.	2082
Hoover, R.A.	0913	Jehn, K.H.	1161
Horstmann, J.	1783	Jensen, E.	2871
Hortop, J.	2087	Jentzsch	2149
Hosler, C.R.	0732, 0810, 1064	Jimenez, R.E.	1571
Howe, G.M.	1132	Joensuu, O.	2779
Howell, L.G.	2265	Johannessen, K.R.	1412
Howell, R.L.	2358	Johannessen, O.M.	2872
Howell, W.E.	0637, 0681, 1093, 1159, 1160, 1241, 1642	Johnson, A.W.	0848
Howell, Wallace E., Associates, Inc.,	0611, 0638, 0639, 0640, 0641, 0642, 1094	Johnson, D.R.	1720, 1786, 1860
Hsu, Shi Ang	2028, 2029	Johnson, D.S.	1297
Hubert, H.	0282	Johnson, H.M.	1232
Hubert, L.F.	0733, 0734, 1001, 1231, 1296, 1424, 1425, 1518, 1784	Johnson, H.W.	1507
Hubertz, J.M.	2750, 2896	Johnson, R.E.	0682
Hubschman, K.	1949	Johnson, R.M.	1233
Hudson, G.N.	1151	Johnson, W.O.	1003, 1095
Hudson, R.Y.	2266	Johnston, A.K.	0027
Hulings, N.C.	2477	Jolivet, J.	1096
Hull, E.W.S.(ed.)	2030	Jones, D.M.A.	1170
Humboldt, A.V.	0033	Jones, E.L.	0506
Hunger, A.A.	2803	Jones, H.	0895
Hunter, J.	2751	Jones, L.R.	2753
Hurd, W.E.	0231, 0283, 0305, 0324, 0338, 0391	Jones, M.L.	2451, 2477
Hurley, R.J.	2554	Jones, R.A.	0710
Hurst, H.T.	1925	Jones, R.S.	2621
Hurt, D.A.	1097, 1165	Jones, R.W.	1162
Hutton, R.F.	2507	Jordan, C.L.	0643, 0683, 0804, 0805, 0811, 0915, 0916, 1004, 1005, 1006, 1091, 1097, 1149, 1163, 1164, 1165, 1234, 1235, 1236, 1237, 1306, 1519, 1644, 1645, 1787, 1788
Hutton, R.S.	1643	Jordan, E.L.	0683
		Jordan, E.S.	0414
		Jordan, H.M.	1238
		Jorgensen, R.C.	0570
		Joyce, E.A.	2873
Ichiye, T.	2429, 2449, 2450, 2451, 2477, 2508, 2509, 2620		
Ingham, M.C.	2679, 2867, 3052	Kadlec, P.W.	1646
Institute of Tropical Meteorology, Rio Piedras, Puerto Rico (Civilian Staff)	0427	Kammer, E.W.	0612
International Civil Aviation Organization	0533	Kantor, A.J.	1926
International Hydrographic Bureau	2868, 3047	Karl Squires, Engineers	0487
International Marine Science	2752, 2869	Karo, H.A.	2622
Ivanov, N.N.	0914, 1002	Kasahara, A.	1166, 1239, 1426
Ives, G.O.	3048	Kasparbauer, W.	0917
		Kato, K.	2478
		Katzin, M.	2225
		Kaufmann, P.	2874
		Keen, J.	2316

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Keiderling, S.F.	1007	La Lanza Espino, G. de	2624, 2625
Keller, M.	2555	LaLonde, L.M.	1655, 1656
Kellogg, W.W.	1153	Lamb, A.J.	0815
Kendrew, W.G.	0644	Lambert, D.E.	1529
Keneshea, T.J.	1520	Lambert, G.	2876
Kennedy, W.B.	0669	Lambertson, C.J.	2877
Kent, G.S.	1610, 1789	Landers, H.	1299, 1370
Kerhallet, C.M.P., de	2100	Landis, A.T.	1792
Kerley, R.H.	1927	Landis, R.C.	2878
Keshishev, V.N.	2680	Landsberg, H.E.	1168
Kesler, C.K.	0258	Langford, Capt.	0004
Kessler, E.	1521	Langham, Langston and Burnett, Houston, Tex.	0534
Ketshum, B.H.	2404	Langmuir, I.	0572, 0735
Ketchum, D.D.	0918	Langseth, M.	2677
Kidwell, A.L.	2423	Langwell, F.A.	0488, 0573
Killian, L.M.	1427	Lannan, J.	3050
Kincer, J.B.	0361	Lapelin, F.T.	2101
King, J.	1928	Lapham, I. A.	0058
Kingsland, D.	0571	Larson, M.	0373
Kinsman, B.	2875	La Seur, N.E.	0750, 0817, 0908, 1300, 1371, 1471, 1502, 1503, 1528, 1590, 1657, 1760, 1793, 1794, 1903, 1931
Kirst, A.	1522, 1647, 1648, 2549	Lateef, M.A.	1431, 1795, 1796, 1932
Kirwan, A.D.	2503	Latour, M.H.	0511
Kitchin, T.	2072	Laurie, R.H.	2113
Klanke, A.	1523	Lear, J.	2032
Klein, W.H.	0463, 0919	Leart, T.R.	2879
Kloster, W.	0179	Lebrija Celay, M.	0825
Knauss, J.A.	2303	Ledesma, M.	1178
Knoch, K.	0215	Lee, D.H.K.	0920
Knox, H.	0007	Lee, H.	1670
Knysh, V.V.	3066	Lee, R.E.	2665
Koczy, F.F.	2780	Leech, L.P.	0339
Kodrau, O.D.	1524, 1649, 1790	Legier, E.	0121
Köppen, W.	0242	Legrand, H.	2223
Kohl, J.G.	2102, 2114, 2115, 2118, 2125, 1426	Leipper, D.F.	0645, 0684, 1658, 2234, 2288, 2295, 2317, 2359, 2452, 2455, 2480, 2626, 2698, 2756, 2757, 2777, 2878, 2880, 2881, 2882, 2883, 2884, 3051
Kolobkov, N.V.	1426	Lemehaute, B.J.	2665
Konrad, W.L.	2623	Leming, T.D.	2885, 3052
Koopman, H.	2172	Lemons, H.	0375
Korshover, J.	1275	Lempriere, W.	0014
Koss, W.J.	1650	Le Rouxeaux de Rosencot, E.L.	2105
Koteswaram, P.	0812, 0813, 1791	Lesser, R.M.	1914, 2758
Kotsch, W.J.	1512	Lessing, L.	1933
Kowalik, V.C.	1177, 1245, 1246	Lester, P.	0106
Kraft, A.J.C.	0510	Lettau, B.	1934
Kraft, R.H.	1651, 2376	Letzring, D.E.	2676
Krank, J.P.	0374	Levine, J.	1480, 1659, 1660
Kraus, E.B.	1098, 1298, 1429, 1430, 1525, 1526, 1527, 1652, 1653, 1654	Levine, R.	0999
Krieg, J.L.	2754	Lewis, B.M.	1887
Krueger, D.W.	1099	Lieb, H.	1661
Kühlbrodt, E.	0216, 1008	Ligda, M.G.H.	0574, 0736, 16, 1010, 1240
Kuettner, J.P.	2031	Lilly, D.K.	0817
Kuhn, R.	2755	Lindenkohl, A.	2132, 2133
Kuo, H.L.	1167	Lindner, C.P.	2243
Kwei, M.W.	1929	Lindsay, C.V.	2380
Laban, J.	0814		
Laboeuf	0072		
LaFond, E.C.	2310		
LaGrone, A.H.	2246		
Lahey, J.F.	0973, 1009		
Lake, H.	1930		

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Linnenbom, V.J. 2886  
List, R.J. 1797, 2627  
Ljoen, R. 2628  
Lockwood, M.G. 2759  
Lodge, J.P. 0737  
Lohr, A. 0215  
Long, M.J. 1662  
Long, T.L. 0613  
López, M.A. 1508  
López, M.E. 0464, 0489, 1241, 1642  
Lorentzen, D. 2137, 2139  
Louden, L.R. 2611  
Low, E.F. 1258  
Lowenstein, R. 2479  
Lowrey, C.A. 1097, 1165  
Ludlum, D.M. 0685, 0738, 1011, 1372, 1373, 1374  
Lugo Santos, A. 0818  
Lutgens, R. 0139  
  
McAuliffe, J.P. 0180, 0184, 0185, 0189, 0244, 0259  
McClelland, M.K. 0646  
McCoy, F.W. 3053  
McCrory, D. 1672  
McDonald, W.F. 0243, 0260, 0284, 0295, 0312, 0376  
McDowell, D.C. 0512  
McElroy, W.D. 2922  
McFadden, J.D. 2887  
McGill Univ. Bellairs Research Institute 1242  
McGill Univ. Dept. of Geography 1663  
McGregor, A.H. 0249, 0490  
McGuiness, W.T. 2424, 2425  
McLellan, H.J. 2405, 2430, 2453, 2454, 2455, 2480, 2510, 2511, 2556, 2604, 2762, 3060  
McLeroy, E.G. 2481  
McMath, C.W. 1647, 1648, 2761, 2888  
McPherson, R.D. 1935  
McQueen, H.R. 0819  
  
Magan, R.L. 2603  
Mahajan, K.K. 1936  
Mahnken, C.V.W. 2679  
Majkowski, R.F. 1035  
Maldonado-Koerdell, M. 2362, 2406, 2431  
Malkin, W. 1100, 1514, 1641  
Malkus, J.S., see Simpson, J.S.M.  
Mallinger, W.D. 1937  
Malone, T.F. 0820, 1101  
Mancuso, R.L. 1290, 1375, 1798, 1799, 1851, 1938, 2013, 2014  
Manderson, J. 2083  
Manheim, F.T. 2681  
Mann, C.R. 2915  
Mapanao, L.D. 1494  
Marcus, S.O. 1664, 1665, 1666, 1939, 2595  
[Marine Observer] 0686, 0821  
Marinos, G. 2889  
  
Markel, A. 2890  
Marler, J.E. 2700  
Marmer, H.A. 2169, 2289  
Martin, L.A. 1432  
Martin, R.H. 1012  
Martinique. Service Météorologique et du Physique du Globe 0357  
Marvin, K.T. 2260  
Marynowski, C.W. 0911  
Massip, S. 0377  
Masterbrook, H.J. 1940  
Mata, H. 1013  
Mather, J.R. 0687, 1433  
Mathisson, J.C. 2596  
Mattison, G.C. 2165  
Maury, M.F. 0040  
Maury Center for Ocean Science 3055  
Maxwell, W. 2629  
May, B.Z. 2499  
May, J.P. 1360  
Mee, T.R. 1983  
Meier, F. 0465  
Meier, F.C. 0296  
Méndez, O.L. 1102  
Merino y Coronado, J. 2360, 2432  
Merrifield, R. 3056  
Merritt, E.S. 1434, 1800, 1941  
Messerly, O. 0261  
Metal'nikov, A.P. 2925  
Metcalf, W.G. 2433, 2491, 2891  
[Meteorologische Zeitschrift] 0086  
Metropolitan Life Insurance Co. 0921  
Metzgen, M.S. 0194  
Mexico. Dirección de Faros e Hidrografía. 2512, 2597, 2682  
Mexico. Dirección General de Obras Marítimas 1530, 2598  
Mexico. Ministerio de Comunicaciones y Obras Públicas 2159  
Mexico Universidad Nacional 2247  
Miami Univ. Institute of Marine Sciences 1667, 1942, 1943, 1944, 2557, 2683  
Miami Univ. Marine Laboratory 2238, 2513, see also University of Miami Marine Laboratory  
Michaelis, L. 0064  
Michelangeli, A. 1945  
Miers, B.T. 1801, 2015  
Mihaljan, J. 1139  
Milic, P.L. 0791  
Military Engineer 2407, 2423  
Millar, F.G. 2226  
Millas, J.C. 0217, 0218, 0306, 0358, 0359, 0378, 0392, 0393, 0428, 0647, 0822, 0823, 1301, 1376, 1435, 1531, 1668, 1946, 2033  
Miller, A.R. 2524  
Miller, B.I. 1014, 1015, 1146, 1302, 1377, 1406, 1436, 1532, 1533, 1802, 1803, 1947  
Miller, C.E. 2310, 2318, 2361

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Miller, C.F. 1669, 1670, 1948  
 Miller, E.M. 0340  
 Miller, E.R. 0739  
 Miller, J.F. 1534  
 Miller, R.C. 0676  
 Miller, R.G. 1132  
 Millman, G.H. 1437, 1535  
 Millman, P.M. 1671  
 Mills, W.C. 1536  
 Minina, L.S. 1004  
 Mitchell, C. 2319  
 Mitchell, C.L. 0190, 0250, 0253, 0262, 0263, 0270  
 Mitchell, D.D. 2634  
 Mitchell, F.A. 1880  
 Miyazaki, M. 2630  
 Moceyunas, A.J. 1535  
 Molansky, S. 0842  
 Molengraaf, G.J.H. 0232  
 Molinari, R.L. 2892  
 Moline, J. 0824  
 Monges, E. 2362  
 Monnier, P. 0092  
 Monroe, F.F. 2558  
 Montague, C.M. 2599  
 Monte, E.A. 0093  
 Montgomery, R.B. 2214  
 [Monthly Weather Review] 0124, 0144  
 Moorcroft, D.R. 2034  
 Moore, H.B. 2229  
 Moore, H.E. 1378, 1438  
 Moore, P.L. 0725, 0726, 0798, 0922, 1169, 1303, 1379, 1624, 1805  
 Morel, A. 2631  
 Moret, J.C. 0053  
 Moretti, J.F. 1949  
 Morgan, J.P. 1016  
 Morrill, J.B. 2320, 2323  
 Morris, S.B. 2483  
 Morskoj, G.I. 1537  
 Morton, W.T. 1950  
 Moseley, E. 0013  
 Mosiño, Alemán, P.A. 1439  
 Mount Washington Observatory, Gorham, N.H. 1380  
 Mueller, E.A. 1017, 1170, 1951  
 Muga, B.J. 2516  
 Muller, R.A. 2063  
 Murphy, C.H. 1806, 1952, 2035  
 Murray, S.P. 3057  
 Musgrove, R.H. 1018  
 Myers, V.A. 0986, 1538  
 Nagle, C.M. 1329  
 Nagle, R.E. 1240  
 Namias, J. 0740, 1019  
 Nancoo, M.E. 1103, 1304  
 National Academy of Sciences-National Research Council. Committee on Oceanography 2435  
 National Council on Marine Resources and Engineering Development 2893  
 National Engineering Science Co., Houston, Tex. 1539  
 National Geographic Society 2290  
 [Nature] 2036  
 [NCAR Quarterly] 2037  
 Nelson, R.D. 1188  
 Netherlands. Hydrografisch Bureau 2267, 2894, 2895  
 Netherlands. Meteorologisch Instituut 0160, 0307  
 Netherlands Antilles. Bureau van de Statistiek 1381  
 Netherlands Antilles. Departement van den Landbouw in Suriname 0219  
 Netherlands West Indies. Dept. Sociale - en Economische Zaken (and) Meteorologische Dienst 0688  
 Neubauer, J. 2600, 2601  
 Neuenschwander, E.F. 2265  
 Neumann, C.J. 1382  
 Neumann, J. 0575  
 [New Orleans Daily Crescent] 0034  
 [New Orleans Daily Picayune] 0044  
 [New Scientist] 3058, 3059  
 New York Univ. Dept. of Meteorology 0491  
 Newlin, J.D. 2632  
 Kewham, E.V. 0181  
 Newton, O.H. 1440  
 Nicaragua. Dirección General de Estadística 0535  
 Nichols, L.G. 1016  
 Nichols, R.L. 0415  
 Nisbet, J.S. 1603, 1615, 1672, 1807, 1929  
 Niskin, S.J. 2517  
 Nitta, T. 1877  
 Noakes, J.E. 2484  
 Noble, G. 0825  
 Noodt, E. 2321  
 Norie, I.W. 2093  
 Norman, P.E. 1295  
 Norton, G. 0416, 0555, 0576, 0648  
 Nowak, M. 2051  
 Nowlin, W.D. 2511, 2556, 2633, 2678, 2762, 2896, 2908, 3060  
 Nunn, D.E. 1083  
 Nupen, W. 0826, 0827  
 Nuttonson, M.Y. 1540  
 O'Brien, J.J. 2763  
 [Ocean Industry] 1808, 1953, 2038, 2684, 2685, 2764, 2765, 2766, 2767, 2768, 2897, 2898, 3061  
 [Oceanology International] 1954, 1955, 2899, 2900, 2901, 2902, 3062  
 [Oceans] 3063  
 Ochoa, H.G. 1884, 1956  
 O'Connell, T.J. 0754  
 O'Conner, J.F. 1020  
 O'Donnell, G.P. 0923  
 Odum, H.T. 2268



# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Ogilby, J. 0029  
 Ogletree, W.B. 2831  
 [Oil and Gas Journal] 2903  
 Okey, C.W. 2150  
 Okuda, T. 2602, 2686, 2904  
 Oliver, J.M. 1305  
 Olson, D.L. 1171  
 Olson, F.C.W. 2320, 2322, 2323  
 Omar, H.R. 0619  
 O'Neill, T.H.R. 1306  
 Ooyama, K. 1441  
 Orton, R.B. 1442, 1673  
 Oserio, L.H. 0297  
 Ostapoff, F. 2905  
 Ostericher, C. 2769  
 Ostlund, H.C. 1957, 2780  
 Ousley, C. 0107  
 Owens, C. 0513
- Page, J.F. 2906  
 Pagel, L.A.A. 2116  
 Pagney, P. 1674, 2408  
 Palmén, E.H. 0492, 0493, 0828, 0924, 0925, 1021, 1022  
 Palmer, C.E. 0514, 0577, 0578, 0741, 0789  
 Palmero, G. 1104  
 Pan American World Airways, Inc. 0394  
 Panama. Dirección de Estadística y Censo 1809  
 Park, K. 2518, 2559  
 Parker, C.A. 2907  
 Parkin, D.W. 1810  
 Parr, A.E. 2183, 2189, 2190, 2193, 2194, 2195, 2201  
 Parsons, J.L. 0829  
 Parvulescu, A. 2634  
 Paskausky, D.F. 2908, 3060  
 Pawlik, C.L. 2770  
 Pawling, J.W. 0630  
 Payne, R.E. 2687  
 Pearce, R.P. 1819, 1958, 1966  
 Pearson, A.D. 1811  
 Pedgley, D.E. 1959  
 Pelissier, J.M. 1812, 1960  
 Penn, S. 1675  
 Penndorf, E. 0417  
 Penndorf, R. 0417  
 Pequegnat, W.E. 2635, 2688, 2863, 2909  
 Perdakis, H.S. 2771  
 Pérez Siliceo, E. 1542  
 Pérez Sori, J.A. 2485, 2519  
 Perkins, F.W. 2018  
 Perkins, J. 0011  
 Perlroth, I. 1813, 2772, 2910  
 Perpina Pibernat, J. 0098  
 Perreault, A. 2291  
 Perrusset, M. 1172  
 Peters, H. 2163  
 Peterson, A.D. 0831, 0832  
 Peterson, L.E. 1105  
 [Petroleum Engineer] 0926
- Pfeffer, R.L. 1543  
 Pfister, W. 1520  
 Phillips, W.F.R. 0094  
 Philpott, L.B. 1307, 2520  
 [Physics Today] 1173  
 Pick, G.S. 2660  
 Pickering, W.H. 0140, 0112  
 Pierson, A.L. 2265  
 Piip, A.T. 2689  
 Pike, A.C. 1308, 1309, 2486  
 Pillsbury, J.E. 2129  
 Pillsbury, R.K. 0579  
 Pisharoty, P.R. 1106  
 Pittman, R.V. 2909  
 Plank, V.G. 1174, 1544, 2039  
 Platt, R.R. 0360  
 Podzimek, J. 1814  
 Poëy y Aguirre, A. 0031, 0032, 0041, 0043, 0048  
 Pollio, J. 2911  
 Ponomarenko, G.P. 2521  
 Pope, F.W. 0614  
 Pore, N.A. 2382, 2487, 2636  
 Port-au-Prince, Haiti. Séminaire-Collège St. Martial. Observatoire Météorologique 0580, 0615, 0833, 1310  
 Porteous, D.M. 2916  
 Fortig, W.H. 0334, 0927, 0928, 1023, 1024, 1107, 1108, 1175, 1176, 1177, 1243, 1244, 1245, 1246, 1311, 1383, 1443, 1545, 1546, 1618, 1619, 1620, 1676, 1677, 1749, 1750, 1751, 1752, 1753, 1754, 1815, 1894, 1895, 1896, 1897, 1898, 1899, 1961  
 Power, J. 0835  
 Powis, A.K. 0494  
 Prasas, S.S. 1936  
 Prentice, V.L. 1547  
 Prentiss, L.W. 0581  
 Price, J.B. 2522, 2523  
 Price, W.A. 1109, 2269, 2292  
 Priddy, R.R. 2522, 2523  
 Pritchard, D.J.A. 0571  
 Prospero, J.M. 1962, 2019, 2021  
 Provd, S. 0308  
 Puerto Rico. Bureau of Statistics 0515  
 Puerto Rico. Central Survey Committee 0220  
 Puig Tomás, J. 1178  
 Purdy, J. 2088, 2094, 2166  
 Pyle, A.F. 1816, 2773  
 Pytkowicz, R.M. 2524
- Quereau, G.A. 2040  
 Quinn, A. 3064  
 Quinones, M.A. 0649
- Rajawata, T. 1548  
 Rakestraw, N.W. 2196  
 Ramage, C.S. 0929, 1025  
 Ramamurti, K.S. 0650

METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Ramanadham, R. 0930  
 Rammer, W.A. 0819  
 Rand McNally and Company 2637  
 Randerson, D. 1963  
 Rangaswamy, S. 1605  
 Rao, P.B. 1936, 1964  
 Rasmusson, E.M. 1678, 1617  
 Rastogi, R.G. 1110, 1982  
 Ratisbona, L. 0396  
 Ratner, B. 1111  
 Ray, C.L. 0285  
 Read, R.G. 1965  
 Reap, R.M. 1679  
 Reardon, L.F. 0202  
 Redfield, A.C. 2324, 2325  
 Redfield, W.C. 0016, 0017, 0018, 0019  
 0022, 0024, 0026, 0030  
 Reed, R.J. 1247, 1312, 1313  
 Reed, W.F. 0149  
 Reed, W.W. 0186, 0203, 0221, 0361  
 Reese, A. 0651  
 Reese, J.H. 0204  
 Reichelderfer, F. 1112  
 Reid, R.O. 0931, 2248, 2249, 2270, 2293,  
 2340, 2363, 2383, 2533, 2633, 2730,  
 2733, 2763, 2896, 2912, 3065  
 Reid, W. 0028, 0076  
 Reisig, G.H.R. 1745  
 Reiter, G. 1314  
 Renderson, D. 1384  
 [Research Reviews] 2384  
 Restivo, J. 1314  
 Revert, E. 0251  
 Rezak, R. 3039  
 Rhodes, H.J. 2560  
 Rhodes, J. 2030  
 Richard, J.H. 2614  
 Richards, F.A. 2325, 2364, 2409, 2436,  
 2437  
 Richardson, W.S. 2275, 2335, 2638, 2690,  
 2695, 2919  
 Richter, D.A. 0698, 0836  
 Ridley, E. 2561  
 Riehl, H. 0395, 0418, 0429, 0430, 0442,  
 0443, 0466, 0467, 0468, 0469, 0495,  
 0496, 0497, 0536, 0537, 0538, 0652,  
 0689, 0690, 0742, 0831, 0838, 0839,  
 0840, 0925, 0932, 0933, 0934, 1022,  
 1026, 1037, 1038, 1080, 1113, 1157,  
 1179, 1248, 1249, 1315, 1316, 1317,  
 1318, 1366, 1385, 1386, 1549, 1818,  
 1819, 1966  
 Rigby, M. 0827  
 Riley, J.A. 1180, 1440  
 Ringer, L.D. 1871  
 Risebrough, R.W. 1967  
 Rivas, L.R. 2913  
 Rivera Aceves, J. 0325, 1181  
 Roa Morales, P. 2525  
 Robert, G. 0286  
 Roberts, E.K. 0233  
 Roberts, J. 1361  
 Roberts, W.K. 0379  
 Robertson, R. 0005, 0009  
 Robinson, B. 2562  
 Robinson, P. 2914  
 Roden, G.I. 2563  
 Rodewald, M. 0743, 0744, 0745, 0746, 0747,  
 1027, 1028, 1029, 1820, 2326  
 Röhl, E. 0362, 0444, 0616  
 Rohlf, A.J. 1550  
 Roman, S.J. 1680  
 Romans, B. 2075, 2078, 2081  
 Romer, A. 0271  
 Romer, E. 1030  
 Rona, E. 2526  
 Ronne, C. 0695, 0696, 1115, 1253, 1444,  
 1681  
 Rosen, J. 1968  
 Rosendal, H.E. 1319, 1387, 1551  
 Rosenthal, S.L. 1182, 1445  
 Ross, C.K. 2915  
 Ross, D.I. 2916  
 Ross, R.B. 0617, 0935  
 Rossdam, U. 0287  
 Rossov, V.V. 2691  
 Roumiguieres 1609  
 Rouse, J.W. 2041  
 Rouse, W.R. 1682  
 Rowlandson, L.G. 1821  
 Rubinoff, I. 2917  
 Rubsam, D.T. 1398, 1472, 1592, 1778, 1779,  
 1918, 1919, 1920  
 Rucker, J.B. 2603  
 Rudd, M.I. 1446  
 Rudloff, D. 0747  
 Rudloff, W. 1552  
 Rumley, G.B. 1509  
 Rush, F.J. 1683  
 Russell, R.J. 0341, 2438  
 Russell, T.L. 2692  
 Rutgers, A.A.L. 0431  
 Ryan, P. 0841, 1114  
 Sabatini, R.R. 1320  
 Sacco, E.J. 1447  
 Sadowski, A. 1321, 1322, 1684  
 Saffir, H.S. 0521  
 Sagra, R. de la 0039  
 Saint-Amand, P. 1323  
 St. Joseph's Observatory, Belize, British  
 Honduras 0110  
 St. Lucia, Agricultural Dept. 0313  
 Saint Thomas University, Houston. Institute  
 for Storm Research 1822  
 Saito, Y. 2365  
 Sakou, T. 2516, 2564  
 Salivia, L.A. 0539  
 Saloman, C.H. 2918  
 Saloman, C.G. 2527, 2606  
 Saltman, E.J. 0936  
 San Martin Suarez, J. de 2073

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Sánchez Carrillo, J.M. 0653, 0937, 1553, 1823  
 Sánchez-Layas, E. 0035  
 Sanders, F. 0936, 1824, 1969  
 Sanders, R. 0470  
 Sansom, H.W. 1183, 1625  
 Santamaria, L. 0432  
 Santana, H. 2691  
 Santana, H.A. 2814  
 Santo Domingo. Servicio Meteorológico 0208  
 Sarasola, S. 2174  
 Sarkisians, A.S. 3066  
 Sartor, J.W. 1970  
 Sashoff, S.P. 0326, 0379  
 Saunders, P.M. 1554  
 Saveier, W.J. 0748  
 Saville, T. 2693  
 Sawyer, J.S. 1184  
 Schacht, E.J. 0442, 0443, 0445, 0469  
 Schaefer, V.J. 0516  
 Schatzle, F.J. 1185, 1236, 1237  
 Schein, M. 1186  
 Schell, I.I. 0446, 0939, 2385  
 Scherer, J. 0078, 0095, 0129  
 Schink, D.R. 1971  
 Schmidt, F.H. 0582  
 Schmitz, W.J. 2638, 2694, 2695, 2919  
 Schoenrich, O. 0161  
 Schoettle, V. 2692  
 Schoner, R.W. 0842, 0940, 1972, 1973, 1974, 1975  
 Schrag, R.S. 1685  
 Schroeder, E.H. 2696  
 Schubart, L. 0264  
 Schuetz, J. 1250  
 Schuller, R.E. 2604  
 Schulz, W.A. 1555, 1641  
 Schulze, P. 1976, 1977  
 Schuurin, C. 1031  
 [Science] 2459  
 [Science Journal, London] 3067  
 [Science News] 1978, 1979, 3068  
 [Science News Letter] 0749, 2327  
 Scofield, E. 0314  
 Scott, J.R. 0654, 1032  
 Seaman, L.H. 0691  
 Searfoss, C.W. 2232  
 Segman, R. 1980  
 Seilkopf, H. 0193, 0613  
 Seivell, H.R. 2202, 2203, 2204  
 Seliger, H.H. 2920, 2921, 2922  
 Senn, H.V. 1187, 1188, 1251, 1258, 1324, 1325, 1515, 1556, 1557, 1558, 1686, 1687, 1825, 1981  
 Serebreny, S.M. 1240  
 Serra, A.B. 0327, 0396  
 Serre, P. 0125  
 Shafer, R.J. 0418  
 Shaffer, J.D. 2551  
 Shapaev, V.M. 1189  
 Sharma, R.P. 1982  
 Sheets, R.C. 1559, 1826, 1827  
 Shepard, F.P. 2422  
 Sheppard, P.A. 0619, 0722, 0782  
 Sherman, L. 0583, 0655, 0656, 0692, 0750  
 Sherman, W.O. 0447  
 Shimazaki, T. 1688, 1689  
 Shinnars, W. 1033, 1252, 1326  
 [Ships and Sailing] 2250  
 Shirley, J.A. 1190  
 Shisler, K. 0584  
 Shoemaker, W.S. 2294  
 Shonting, D.H. 2404  
 Showalter, A.K. 0843  
 Shurman, G.A. 2328  
 Sievers, J.R. 0751, 0894  
 Sifontes, E. 0222, 0234, 0245, 0585, 0586, 0657, 0844, 1034  
 Sihvonen, Y.T. 1035  
 Sik, A.E. 1690  
 Silva Lopez, D. 2808  
 Simmons, G. 2739  
 Simpson, J.G. 2740, 2741, 2774  
 Simpson, J.S.M. 0620, 0658, 0659, 0693, 0694, 0695, 0696, 0752, 0845, 0846, 0847, 0934, 0941, 1036, 1037, 1059, 1115, 1191, 1249, 1253, 1388, 1389, 1448, 1449, 1450, 1480, 1560, 1561, 1691, 1692, 1828, 1829, 1830, 1983, 2528  
 Simpson, R.H. 0433, 0448, 0449, 0450, 0471, 0753, 0848, 1038, 1327, 1328, 1389, 1450, 1562, 1692, 1831, 1984, 1985, 1986, 1987, 2042  
 Sims, A.L. 1951  
 Singer, I.A. 1329  
 Skeete, C.C. 0246  
 Skjelbreia, L. 2410  
 Slater, W. 1035  
 Sleater, J.K. 1693  
 Sloan, Y.T. 0721  
 Sloane, D. 2923  
 Slocum, G. 2180, 2181, 2184, 2185, 2186, 2187  
 Slowey, J.F. 2639, 2775  
 Slusser, W. 1563  
 Smedley, D. 1254, 1564, 1832, 1833, 1988, 1989  
 Smith, A.L. 1665, 1666  
 Smith, C.L. 1796  
 Smith, D.L. 1623  
 Smith, F.G.W. 2565  
 Smith, G.W. 0697, 1116, 1192  
 Smith, H.P. 2196  
 Smith, H.W. 0540  
 Smith, I. 2488  
 Smith, L.G. 1039  
 Smith, R.L. 1390  
 Smith, R.M. 0560  
 Smith, T.B. 1990  
 Smithsonian Institution. Center for Short-

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Lived Phenomena 2043, 3069
- Snow, E.R. 0621
- Soley, J.C. 2141, 2147
- Soloman, I. 0397
- Sonu, C.J. 3070
- Soule, G. 1255
- Soules, S.D. 2044
- Sourbeer, R.H. 1256
- Southworth, M.P. 1193
- Spain. Dirección de Hidrografía 2090
- Spann, R.E. 0651
- Spano, A.F. 1257, 1330, 1342
- Spar, J. 1404, 1451
- Sparger, C.R. 2295
- Spencer, A.T. 0875
- Spooner, E.L. 2804
- Squires, P. 1694
- Stark, L.P. 0698
- Starr, V.P. 0622
- Staub, W. 2640
- Stearns, R.D. 1957
- Steel, D. 2083
- Steele, L.P. 0887
- Steen, C.E. 1295
- Steetz, W. 2091
- Steilkopf-Stuene 0195
- Steinberg, J.C. 2697
- Steinborn, E. 1565, 1834
- Stelzenmuller, W.B. 2641
- Stepanova, N.A. 0849, 0850, 0851, 0852, 0853, 1584
- Stephanson, P.M. 1155
- Stevens, J.A. 1258, 1325, 1558
- Stevens, L.A. 0380
- Stevens, W.R. 0272
- Stevenson, R.E. 1331, 1332, 2045, 2642, 2643, 2698, 2709, 2776, 2777, 2809
- Stewart, G.L. 1991
- Stewart, H.B. 2440, 2529, 2924
- Stickse, P.R. 1695
- Stockhausen, J.H. 0771, 0967
- Stoddart, D.R. 1333, 1566
- Stommel, H. 0472, 0596, 0610, 2239, 2271
- Stone, R.G. 0237, 0342, 0343, 0363, 0381
- Storey, M. 0309
- Straiton, A.W. 0540
- Striebel, C.T. 1259
- Stuart, B.C. 0169
- Sturges, W. 2644
- Suarez-Casbro, J. 1567, 2439
- Suarez Gomez, M. 0660
- Sugg, A.L. 1334, 1835, 1836, 1992, 2046, 2047
- Suggate, R.P. 2399
- Sugihara, T.T. 2390, 2536
- Sukhovei, V.F. 2925
- Sumner, H.C. 0364, 0365, 0398, 0399, 0419, 0451, 0754, 0942, 1040, 1194, 1218, 1285
- [Sunday Star] 2048
- Suomi, V.E. 1320
- Sutcliffe, R.C. 1184
- Swanson, R.W. 1993
- Sweitzer, N.B. 2135
- Swinnerton, J.W. 2886
- Swope, P.H. 0854
- Sykes, J.E. 2727
- Symposia, see also Conferences
- Symposium on Investigations and Resources of the Caribbean Sea and Adjacent Regions, Willemstad, Curaçao, 18-26 Nov. 1968 2926
- Symposium on Marine Sciences and Industrial Potential, Houston, Tex., 14 June 1967 2778
- U.S. Navy. Symposium on Military Oceanography, 5th, Panama City, Fla., 1-13 May 1968 3032
- Szabo, B.J. 2779, 2780
- Taba, H. 1837
- Tabares Martinez, L.E. 1117
- Tabio, E.E. 0298
- Tacubaya, D.F. 0400
- Talman, C.F. 0122
- Taney, N.E. 2645
- Tannehill, I.R. 0173, 0196, 0223, 0299, 0315, 0541, 0623, 0624, 0755, 0855, 0856, 2164, 2171
- Tanner, W.F. 2605
- Tapanes, J. 2842
- Taylor, C.B. 2440
- Taylor, G. 2927
- Taylor, J. 0001
- Taylor, J.G. 2636, 2699
- Taylor, J.L. 2918
- Teitell, L. 1994
- Tenenbaum, O. 1118
- Texas A & M Research Foundation 2329
- Texas A & M Univ. 2330
- Texas A & M Univ. Dept. of Oceanography and Meteorology 0661, 0662, 2240, 2251, 2252, 2253, 2254, 2272, 2273, 2296, 2297, 2298, 2299, 2331, 2332, 2366, 2367, 2368, 2386, 2387, 2461, 2530, 2531, 2532
- Texas Univ. Electrical Engineering Research Laboratory 1195, 1196, 1197
- Theaman, J.R. 0209, 0235, 0288, 0401
- Théveneau, A. 1452, 1569
- Theye y Lhoste, C. 0134
- Thom, H.C.S. 1198
- Thomas, C. 2050
- Thompson, A.H. 1392, 1570, 1571, 1696, 1839
- Thompson, H.P. 1593
- Thompson, C.A. 0494
- Thompson, J.H. 2831
- Thompson, W.C. 2300
- Thompson, W.F. 1042, 1043, 1044
- Thompson, W.L. 0542
- Thornthwaite, C.W. 0543, 0587
- Thrasher, L.W. 3071

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- Thuronyi, G. 0857  
Timchalk, A. 1425, 1500  
Tirellis, G.G. 2051  
Tisdale, C.F. 1199, 1393  
Tolbert, C.W. 2246  
Tolbert, W.H. 2369, 2441, 2606  
Tolfson, H.B. 0943  
Topp, R. 0145  
Torres Marino, R. 0316  
Tout, D.G. 1840  
Town, J. 2089  
Tracy, J.D. 1453, 1697  
Travelers Research Center, Inc. 1995  
Treadwell, M.E. 1336  
Treadwell, T.K. 2928  
Trinidad. Dept. of Agriculture 0625  
Trojer, H. 1131  
Troup, A.J. 1260  
Trusov, I.I. 1487, 1841, 1996  
Tschirhart, G. 1119  
Tucker, G.B. 0699  
Tufts, B.J. 0894  
Tunnell, G.A. 1045  
Tunnell, L.E. 1261  
Twist, T.F. 0663  
Twomey, S. 1694  
[Tycos Rochester] 0328  
Tyroler, J.F. 2051
- [Undersea Technology] 1698, 1997, 2781, 2782, 2783, 3072, 3073, 3074, 3075  
Underwood, J.W. 2784  
Unger, R. 2785  
United Nations Educational, Scientific and Cultural Organization 1046  
U.S. Agency for International Development 1572  
U.S. Air Force 0366, 1842, see also U.S. Army Air Forces [pre-1947]  
U.S. Air Weather Service 0420, 0434, 0588, 0589, 0756, 0944, 1120, 1262, 1263, 1998, 1999  
U.S. Army Air Forces 0382, 0402, 0403, 0404, see also U.S. Air Force [post 1947]  
U.S. Army Air Forces, Headquarters 0383, 0435, 0436  
U.S. Army Ballistic Missile Agency, Huntsville, Ala. 1121, 1122  
U.S. Army Map Service 2218, 2227  
U.S. Army Transportation Research Command, Fort Eustis, Va. 1454  
U.S. Army Tropic Test Center, Fort Clayton, C.Z. 1699, 1843, 2000, 2001  
U.S. Beach Erosion Board 0498, 0858, 2197, 2566  
U.S. Bureau of Commercial Fisheries 2442  
U.S. Coast and Geodetic Survey 0544, 2111, 2112, 2138, 2142, 2156, 2167, 2170, 2230, 2231, 2241, 2242, 2255, 2333, 2489, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007  
U.S. Coast Guard 2370, 2797  
U.S. Congress, House 0300, 1573, 1574  
U.S. Consul, Puerto Plata, D.R. 0141  
U.S. Corps of Engineers 1337  
U.S. Defense Documentation Center 3008  
U.S. Dept. of Defense 0545  
U.S. Dept. of State 0590  
U.S. Dept. of Transportation 2797  
U.S. Engineer School 2173  
U.S. Environmental Science Services Administration (ESSA) 1700, 1701, 1844, 1845, 2002, 2003, 2052, 2053, 2054, 2055, 2056, 3009, see also U.S. Weather Bureau  
U.S. Federal Aviation Administration Academy 1575  
U.S. Fish and Wildlife Service 2301, 2302, 2567  
U.S. Hydrographic Office 0405, 0437, 0473, 0501, 2122, 2126, 2130, 2145, 2198, 2209, 2215, 2219, 2224, 2228, 2256, 2411, 2412, 2413, 2443  
U.S. Interdepartmental Committee for Meteorological Services 1576, 1702  
U.S. Maury Center for Ocean Science 2057  
U.S. National Council on Marine Resources and Engineering Development 2798, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019  
U.S. National Oceanographic Data Center 2005, 2058, 2568, 2646, 3020, 3076, 3077, 3078  
U.S. Naval Air Station, Norfolk, Va. 0859  
U.S. Naval Oceanographic Office 2006, 2059, 2569, 2570, 2571, 2572, 2799, 2800, 2801, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3079  
U.S. Navy 0757, 2220, 3032  
U.S. Navy Aerological Service 0474, 0499, 0500  
U.S. Navy Fleet Weather Central, Miami, Fla. 1047, 1123, 1200, 1264, 1456  
U.S. Navy Fleet Weather Facility, Miami, Fla. 1048, 1049, 1124, 1265  
U.S. Navy Weather Research Facility 0664,

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

- 0758, 0759, 0860, 0861  
U.S. Office of Emergency Planning 1703  
U.S. Quartermaster Research and Engineering Center, Natick, Mass. 1125  
U.S. Research Flight Facility 2007  
U.S. Weather Bureau 0156, 0197, 0317, 0344, 0367, 0384, 0385, 0386, 0387, 0406, 0407, 0452, 0475, 0546, 0591, 0626, 0760, 0761, 0762, 0763, 0764, 0765, 0862, 0863, 0864, 0865, 0866, 0867, 0868, 0869, 0870, 0871, 0946, 0947, 0948, 0949, 0950, 0951, 1050, 1051, 1052, 1053, 1126, 1127, 1128, 1129, 1130, 1202, 1203, 1204, 1205, 1206, 1207, 1266, 1267, 1268, 1338, 1339, 1394, 1395, 1458, 1459, 1460, 1461, 1462, 1577, 1578, 1704, 1705, 1706, 1846, 2008, 2060, see also U.S. Environmental Science Services Administration (ESSA)  
U.S. Weather Squadron (8th) Ramey Air Force Base Puerto Rico Detachment 15 2061  
University Corporation for Atmospheric Research 1847, 1848, 2009, 2010  
Univ. of Miami. Marine Laboratory 2456, 2457, 2482, 2514, 2515, see also Miami Univ. Marine Laboratory  
Uribea, H. 1131  
Urick, R.J. 2232, 2462  
Vaccaro, R.F. 2364  
Valloux, C. 0289  
Valverde, S.A.R. 0388  
Van Baalen, C. 2700  
van Bebber, J. see, Bebber, J. van  
Van den Berg, C.A. 2011  
Vanderman, L.W. 1463, 1849  
Vanéechout, E.P. 2106  
van Everdingen, E. see Everdingen, E. van  
Van Royen, W. 0318  
Van Schuyler, P. 2803  
Van Sickle, D.R. 2012  
Vasquez, E. 0329  
Vaughn, C.W. 2062  
Veenkant, R. 2785  
Veigas, K. 1132, 1318  
Venezuela. Dirección de Obras Hidráulicas 1464, 1465, 1579, 1707, 1708  
Venezuela. Fuerza Aérea 0547  
Venezuela. Instituto Nacional de Canalizaciones 2573, 2607  
Venezuela. Ministerio de Obras Públicas 0548  
Venezuela. Servicio de Hidrología 0952, 1396, 1580, 1581, 1582  
Venezuela. Servicio de Meteorología y Comunicaciones 1583  
Venkateswaran, S.V. 0890  
Veracruz, Mexico 0953  
Vermeer, D.E. 2063  
Vernemmen, C. 0333  
Veryard, R.G. 1208, 1269  
Viaut, A. 0766  
Vickers, D.O. 1850  
Vickers, T.A. 2274  
Vidyavathi, K. 0930  
Viezee, W. 1054, 1799, 1851, 2013, 2014  
Vila, P. 0872  
Villaseñor, L.E. 2127  
Villers du Terrage, M. 2176  
Villevieille, A. 1466  
Vine, A.C. 2303  
Viñes, B. 0054, 0062, 0067, 0083, 0096  
Virgin Islands of the United States. Agricultural Experiment Station 0476  
Virginia Geographical Institute, Charlottesville 2334  
Virgo, S.E. 0549  
Visher, S.S. 0408  
Visscher, H.B. 0502  
Visvanathan, T.R. 1759  
Vitale, C.S. 1340  
Vitvitskii, G.N. 0665  
Vivó, J.A. 0453, 1467  
Volkman, G.H. 2303  
von Arx, W.S. 2275, 2335  
Vuorela, L.A. 0503, 1022  
Wadsworth, F.H. 1133  
Wagner, A.J. 1852  
Wagner, L.P. 2261, 2276, 2286, 2309, 2314, 2315, 2351, 2375, 2394  
Wagner, N.K. 0954, 0955, 1055  
Wahl, E.W. 1056  
Waldrip, W.J. 0956  
Wall, J.P. 0061  
Wallace, J.A. 1257, 1341, 1342, 1584  
Walsh, D.E. 2533, 2701  
Ward, R. DeC. 0187, 0273  
Warfel, C.A.B. 1709  
Warnke, D.A. 2716  
Waterman, T.E. 2336, 2371  
Waterways Experiment Station, Vicksburg, Miss. 2277  
Watts, D. 1710  
Watts, J.M. 2723  
Weather Corporation of America, St. Louis, Mo. 1134  
Weather Engineers, Inc. 1270  
Webb, D.C. 2705, 3033  
Webster, F. 2534, 2647  
Weems, J.E. 0957  
Weight, M.L. 1343, 1468, 1711  
Weightman, R.A. 0150, 0252, 0253, 0265  
Weil, J. 0326  
Weill, G.M. 1874  
Weiser, E.A. 2574  
Wells, F.E. 1344  
Wells, R.C. 2160  
Welsh, G.V. 1057  
Welsh, M.M. 0174  
Wennekens, M.P. 2414, 2444

# METEOROLOGY AND OCEANOGRAPHY AUTHOR INDEX

Wernstedt, F.L.	1272	Wyman, R.H.	0059
Wertheim, G.K.	2304	Yanai, M.	1469, 1856, 1857, 2017
West, P.W.	1696, 1712, 1839	Yarnall, J.R.	2662, 2720
Westell, W.E.	2371	Yeh, T.C.	0537, 0538
Westermann, J.H.	0873	Yngvesson, K.O.	2018
West Indies [Federation] Meteorological Service	1058	Yoshioka, G.A.	1433
Wexler, H.	0477	Ysalque de Massip, S.E.	0377
Wexler, R.	1209, 1585	Zahn, G.W.	2143
Wexler, Ruth	1059, 1209	Zeigler, J.M.	2609, 2649
Wharton, A.E.B.	1349	Zipser, E.J.	1470, 1471, 1590
Whico Map and Publishing Co., Houston, Texas	3034	Zmuda, A.J.	1212
White, H.S.	1074	Zoch, R.T.	0517
White, R.M.	0622, 1586	Zonneveld, J.I.S.	0873
Whitehouse, U.G.	0874, 2337	Zonzon, J.	0568
Whiting, R.M.	0550		
Whitmarsh, D.C.	2575		
Whitney, L.F.	1210		
Wickham, T.C.W.	0478		
Wiese, R.S.	1135		
Wiewall, M.	0958, 1345		
Wiggert, V.	1983		
Wiley, S.C.	0767		
Willcox, J.	0071		
Willett, H.C.	0768		
Willett, J.H.	0715		
Willey, H.F.	0504		
Williams, B.H.	2015		
Williams, J.	0085, 2463		
Williams, R.H.	2305		
Willis, E.H.	2399		
Wilson, B.W.	0959, 2338, 2339, 2340, 2372, 2388, 2415, 2416, 2450, 2576, 2648		
Wilson, H.M.	1501		
Wilson, W.S.	3035		
Wilson, W.T.	1156		
Winchester, J.H.	2016		
Winckler, J.R.	1105		
Winsor, J.	2128		
Winston, J.S.	0463, 1346, 1588		
Wint, J. McL.	1853		
Witzell, G.K.	2588, 2729, 2838, 2839		
Woodcock, A.H.	0875, 1211, 2239		
Woodley, W.L.	1713, 1854		
Woodring, W.P.	0191		
Woods Hole Oceanographic Institution	0454, 0969, 0961, 1136, 1137, 2535, 2702		
Woodward, J.W.	2889		
World Meteorological Organization	0700, 0701, 0876		
World Meteorological Organization. Eastern Caribbean Hurricane Committee	0627		
[World Oil]	1541		
Worthington, L.V.	2341, 2491, 2577, 2703, 2704, 2705, 3033, 3036		
Worzel, J.L.	2501, 1764		
Wright, M.	1016		
Wright, R.W.	1610, 1789		
Wüst, G.	2168, 2608		
Wulf, O.R.	1589, 1855		